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THE FLOWERING PLANTS OF KUALA LUMPUR, IN THE MALAY PENINSULA.

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The following pages contain a list of the Higher Plants known from Kuala Lumpur and its vicinity.

The area which the list covers is roughly that included in a circle of which the centre is Kuala Lumpur and the radius is fifteen miles. The circle has been stretched to include nearby places from which important collections have come, but collections have not been made from every place within it.

The montane flora of the Main Range has been excluded in an endeavour to make the list contain only lowland species, but it has not been possible to do this accurately, as very few specimens were found to bear any indication of the altitude at which they were collected.

The following are the localities from which have come the collections utilised in the compilation of the list:—

Ampang Forest Reserve
Ayer Hitam Forest Reserve
Batang Berjuntai Forest Reserve
Batu Tiga
Batu Caves
Bukit Belachan Forest Reserve
Bukit Cheraka Forest Reserve
Bukit Lagong Forest Reserve
Bukit Raja Forest Reserve
Bukit Tarek Forest Reserve
Bukit Tunggal Forest Reserve
Damansara
Dusun Tua

Kajang
 Kanching
 Kepong
 Klang Gates
 Kuala Lumpur
 Kuang
 Petaling
 Public Gardens, Kuala Lumpur
 Pudu
 Rantau Panjang Forest Reserve
 Seminyih
 Sungai Buloh Forest Reserve
 Ulu Gombak
 Ulu Langat
 Weld's Hill Forest Reserve.

During recent years, the Forest Department has collected very largely in the vicinity of Kuala Lumpur, and full advantage has been taken of these collections in compiling the list. Towards the end of 1921 H. L. Hume made large collections for the F.M.S. Museums in the Batang Berjuntai and Rantau Panjang Forest Reserves, at Klang Gates, in the Ulu Gombak, and at various places close to Kuala Lumpur. These collections, along with the remainder of the F.M.S. Museums Herbarium, have now been loaned indefinitely to the Botanic Gardens, Singapore.

Ridley and his subordinate Goodenough collected at Kuala Lumpur while inspecting forests from 1889 onwards.

Smaller collections in this area have been made by Burkill, Kloss, Henderson, Milsum, Sands, and Mohamed Nur.

The writer is indebted to Dr. Foxworthy for much help, and for access to the herbarium of the Forest Department.

We are dealing here with an area large tracts of which have been completely denuded of their original covering of primary forest, and man's interference has resulted in the intrusion of numbers of widely distributed plants which can only obtain a hold when the forest is cleared. Hence the endemism characteristic of the Malayan forest flora is not strongly marked when the flora of the Kuala Lumpur area is considered as a whole. This is shown by a comparison with the flora of the Taiping region (Gardens' Bulletin, Vol. III, Nos. 7-12) where, in a heavily forested region, the specific endemism is 44%, whereas for the Kuala Lumpur area the figure is only 29%. Again, the figure for the local specific endemism for Taiping is 10% and for Kuala Lumpur 3%.

These local endemics, a list of which is given below, occur for the most part in forested areas, the exceptions being those which are peculiar to the limestone of the Batu Caves or Kanching or to the quartzite rocks of Klang Gates.

Local endemics in the Kuala Lumpur area.

Drepananthus carinatus, <i>Ridl.</i>	Sungai Buloh.
Polyalthia montana, <i>Ridl.</i>	Ulu Langat.
Hydnocarpus Humei, <i>Ridl.</i>	Klang Gates.
*Impatiens Ridleyi, <i>Hook fil.</i>	Batu Caves.
Gomphandra pubescens, <i>Ridl.</i>	Weld's Hill.
Napeodendron altissimum, <i>Ridl.</i>	Ulu Gombak.
*Carallia euryoides, <i>Ridl.</i>	Klang Gates.
Eugenia Klossii, <i>Ridl.</i>	Rantau Panjang.
Blastus pulverulentus, <i>Ridl.</i>	Ulu Langat.
Sonerila prostrata, <i>Ridl.</i>	Klang Gates.
Begonia rhoephila, <i>Ridl.</i>	Ulu Gombak.
Brassiopsis elegans, <i>Ridl.</i>	Ulu Langat.
*Aleisanthia rupestris, <i>Ridl.</i>	Klang Gates.
Argostemma trichanthum, <i>Ridl.</i>	Ulu Langat.
Ophiorrhiza fruticosa, <i>Ridl.</i>	Batu Caves.
Urophyllum Curtisii, <i>King MSS.</i>	Kuala Lumpur.
Pavetta pauciflora, <i>Ridl.</i>	Batu Caves.
Tarenna rudis, <i>Ridl.</i>	Weld's Hill.
Psychotria lanceolaria, <i>Ridl.</i>	Batu Caves.
*Borreria pilulifera, <i>Ridl.</i>	Klang Gates.
Ardisia vinimea, <i>Ridl.</i>	Ulu Gombak.
Linociera spicifera, <i>Ridl.</i>	Rawang.
Alstonia micrantha, <i>Ridl.</i>	Rantau Panjang.
*Hoya occlusa, <i>Ridl.</i>	Batu Caves.
Didissandra breviflora, <i>Ridl.</i>	Ulu Gombak.
Didymocarpus primulina, <i>Ridl.</i>	Klang Gates.
*Boea verticillata, <i>Ridl.</i>	Batu Caves.
Pseuderanthemum candidum, <i>Ridl.</i>	Ulu Gombak.
Pseuderanthemum sylvestre, <i>Ridl.</i>	Sungai Buloh.
Justicia microcarpa, <i>Ridl.</i>	Batu Caves.
Justicia trichodes, <i>Ridl.</i>	Seminyih.
Ptyssiglottis chrysea, <i>Ridl.</i>	Rantau Panjang and Ulu Gombak.
Cryptocarya tenuifolia, <i>Ridl.</i>	Ulu Gombak.
Dehaasia elliptica, <i>Ridl.</i>	Bukit Cheraka, Public Gardens and Ulu Gombak.
Phyllanthus erythrocarpus, <i>Ridl.</i>	Batu Caves.
Sauropus elegantissimus, <i>Ridl.</i>	Ulu Gombak.
Galearia lancifolia, <i>Ridl.</i>	Ulu Gombak.
*Trigonostemon salicifolius, <i>Ridl.</i>	Kanching.
Macaranga incisa, <i>Gage.</i>	Kuala Lumpur.
Oberonia aurantiaca, <i>Ridl.</i>	Kajang.
Oberonia grandis, <i>Ridl.</i>	Ulu Langat.
Adenoncos parviflora, <i>Ridl.</i>	Batu Caves.

<i>Saccolabium macrantherum</i> , <i>Ridl.</i>	Ulu Gombak.
<i>Thrixspermum montanum</i> , <i>Ridl.</i>	Ulu Langat.
<i>Gastrochilus longifolia</i> , <i>Ridl.</i>	Ulu Gombak.
<i>Ranalisma rostrata</i> , <i>Stapf.</i>	Batu Caves.
<i>Plectocomiopsis dubius</i> , <i>Becc.</i>	Rantau Panjang.
<i>Pandanus immersus</i> , <i>Ridl.</i>	Batu Tiga.
<i>Freycinetia acuminata</i> , <i>Ridl.</i>	Kuang and Sungai Buloh.
* <i>Raphidophora Burkilliana</i> , <i>Ridl.</i>	Batu Caves.
* <i>Pothos lorispata</i> , <i>Ridl.</i>	Batu Caves.
* <i>Eulalia Milsumi</i> , <i>Ridl.</i>	Klang Gates.

Species marked with an asterisk are those peculiar to limestone or quartzite.

RANUNCULACEÆ.

Naravelia laurifolia, *Wall.* Ampang; Seminyih. A climber of India to the Philippines; in the Peninsula not uncommon north of Selangor, usually in secondary growth.

DILLENiaceÆ.

Delima sarmentosa, *Linn.* Batu Tiga; K. Lumpur; Petaling; Seminyih. A woody climber of Indo-Malaya and China; in the Peninsula common in open places from Langkawi to Singapore.

Tetracera sylvestris, *Ridl.* Batu Caves (Ridley). A woody climber of Borneo; in the Peninsula not very common, Penang, Perak, Negri Sembilan, Malacca, Singapore.

Acrotrema costatum, *Jack.* Seminyih (Hume). A herb of Borneo; in the Peninsula common from Langkawi to Johore, but absent from Malacca.

Wormia albiflos, *Ridl.* Weld's Hill (Forest Dept.). A large shrub, endemic and rare, hitherto known only from Johore.

Wormia oblonga, *Wall.* Batu Caves; Batu Tiga; Kuang; K. Lumpur; Seminyih. A small tree of Sumatra; in the Peninsula common in open places from Kedah to Malacca.

Wormia pulchella, *Jack.* K. Lumpur (Forest Dept.). A small tree of Sumatra and Borneo; in the Peninsula not uncommon in open places from Taiping to Singapore.

Wormia suffruticosa, *Griff.* Rawang (Goodenough). A shrub of Sumatra, Bangka and Borneo; in the Peninsula common in the south in open places.

Dillenia ? *grandifolia*, *Wall.* Kajang (Forest Dept.).

Dillenia meliosmaefolia, *Hook. fil.* Kajang; K. Lumpur; Ulu Gombak. A tall tree, endemic and common in forest from the Dindings to Malacca and Pahang.

Dillenia ovata, *Wall.* Weld's Hill (Forest Dept.). A small tree, endemic, not common, Penang, Perak and Pahang.

Dillenia reticulata, *King.* Public Gardens and Weld's Hill, K. Lumpur. A tree of Tongka; in the Peninsula not common, Province Wellesley and Perak.

Dillenia Scortechinii, *Ridl.* K. Lumpur; Sungai Buloh. A tall tree, endemic, not common in forest, Penang, Perak, Singapore.

Dillenia sp. Weld's Hill (Forest Dept. 5024).

MAGNOLIACEÆ.

Talauma lanigera, *Hook. fil.* Ulu Gombak (Forest Dept.). A small tree, endemic, not common, usually in montane forest, Penang, Taiping Hills, Mt. Ophir.

CULTIVATED MAGNOLIACEÆ.

Michelia Champaca, *Linn.* (Chempaka). A tree of India, cultivated throughout Indo-Malaya.

Michelia longifolia, *Bl.* (White Chempaka). A tree of Java, often cultivated in the Peninsula.

ANONACEÆ.

Cyathostemma Wrayi, *King.* Bukit Tarek Forest Reserve; Weld's Hill. A liane, endemic and rare in forest, Perak.

Uvaria excelsa, *Wall.* Petaling (Ridley). A liane of Indo-China and Borneo; in the Peninsula not very common in forest, Penang to Singapore.

Uvaria hirsuta, *Jack.* K. Lumpur (Ridley). A liane of Indo-Malaya; in the Peninsula common in forest from Penang to Singapore.

Uvaria Lobbiana, *Hook. fil. & Thoms.* Ampang; Batu Caves. A liane of Sumatra; in the Peninsula Penang, Perak, Malacca, Singapore.

Uvaria macrophylla, *Roxb.* K. Lumpur (Ridley). A liane of Ceylon, Burma and Java; in the Peninsula common from Penang to Singapore, often in open country.

Uvaria purpurea, *Bl.* K. Lumpur (fide Ridley). A liane of Indo-Malaya to the Philippines and S. China; in the Peninsula common both in open country and in forest from Perlis to Singapore.

Drepananthus carinatus, *Ridl.* Sungai Buloh (Forest Dept.). A tree, endemic and local.

Drepananthus pruniferus, *Maing.* Ulu Gombak; Weld's Hill. A tree, endemic and common in forest from Penang to Malacca.

Artabotrys gracilis, *King*. K. Lumpur (Ridley). A slender climber of Borneo; in the Peninsula not common in forest, Perak and Johore.

Artabotrys suaveolens *Bl.* Ulu Gombak (Hume). A climber of Indo-Malaya to the Philippines; in the Peninsula common in forest from Penang and Upper Perak to Singapore.

Desmos chinensis, *Lour.* Ampang; Sungai Buloh; Weld's Hill. A shrub or climber of Indo-Malaya and China; common over the whole Peninsula usually in open country.

Desmos cochinchinensis, *Lour.* Rawang (Goodenough). A slender climber of Indo-Malaya to the Philippines and China; in the Peninsula common north of Malacca in open places.

Desmos dasymaschala, *Safford*. K. Lumpur; Sungai Buloh. A shrub or small tree of Burma, Siam, Sumatra and Java; in the Peninsula common from Perlis to Singapore.

Polyalthia bullata, *Hook. fil. & Thoms.* Dusun Tua; Seminyih. A shrub, endemic, not common, Perak, Pahang, Negri Sembilan, and doubtfully from Malacca and Singapore.

Polyalthia cinnamomea, *Hook. fil. & Thoms.* Weld's Hill (Forest Dept.). A tree, endemic, not very common in forest, Langkawi to Malacca.

Polyalthia congregata, *King*. Batu Caves; Ulu Gombak. A tree of ? Sumatra; in the Peninsula rare in forest, Larut and Gopeng, Perak.

Polyalthia Hookeriana, *King*. Weld's Hill (Forest Dept.). A tree, endemic, in forest, Perak (common), Pahang, Malacca.

Polyalthia hypogaea, *King*. Kanching; Seminyih. A small tree, endemic, not common in forest, Perak, and doubtfully from Pahang and Johore.

Polyalthia Kunstleri, *King*. Sungai Buloh (Forest Dept.). A shrub or tree, endemic, not very common in forest from Penang to Malacca.

Polyalthia macrantha, *King*. Ulu Gombak (Hume 9289). A tall tree, endemic and rare in forest, hitherto known only from the base of the Taiping Hills.

Polyalthia macropoda, *King*. Bukit Cheraka; Kajang; Seminyih; Ulu Gombak; Weld's Hill. A tree, endemic, not uncommon in forest from Penang to Singapore.

Polyalthia montana, *Ridl.* Ulu Langat (Kloss, fide Ridley). A tree, endemic and local.

Polyalthia oblonga, *King*. Ulu Gombak, common (Hume). A small tree of Borneo; in the Peninsula not very common in forest, Penang, Perak and Johore.

Polyalthia Scortechinii, *King*. Public Gardens, Kuala Lumpur; Sungai Buloh. A small tree, endemic and not uncommon in forest from Langkawi to Singapore.

Polyalthia stenopetala, *Ridl*. Dusun Tua; Kanching; K. Lumpur; Petaling; Ulu Gombak. A small tree, endemic, Upper Perak and Kelantan to Malacca, in forest.

Polyalthia sumatrana, *King*. Kanching; Sungai Buloh; Ulu Gombak. A tree of Sumatra and Borneo; in the Peninsula Taiping to Singapore, in forest.

Polyalthia ? Wrayi, *Ridl*. Dusun Tua (Ridley 7281).

Anaxagorea Scortechinii, *King*. Dusun Tua; Klang Gates; Rawang; Seminyih. A bush or small tree of Lower Siam; in the Peninsula common in forest from Langkawi to Singapore.

Goniiothalamus Curtisii, *King*. Batu Caves; K. Lumpur; Ulu Gombak. A shrub or small tree, endemic, not common in forest, Perak and Selangor.

Goniiothalamus malayanus, *Hook. fil. & Thoms*. K. Lumpur; Kuang; Rantau Panjang (Kloss, fide Ridley). A small tree of Bangka and Borneo; in the Peninsula common in forest from Kelantan and Perak to Singapore.

Goniiothalamus pendulifolius, *Ridl*. Kanching (Forest Dept. 11204). A shrub, endemic and rare, hitherto known only from near Bentong, Pahang.

Goniiothalamus Ridleyi, *King*. K. Lumpur (Forest Dept.). A small tree of Borneo; in the Peninsula not uncommon in forest.

Goniiothalamus Scortechinii, *King*. Ulu Gombak (Ridley). A shrub or small tree, endemic, not common, Penang, Perak, Pahang.

Goniiothalamus tenuifolius, *King*. Sungai Buloh; Ulu Gombak. A shrub or small tree, endemic, not very common in forest from Kedah to Pahang and Selangor.

Goniiothalamus Wrayi, *King*. Seminyih; Ulu Gombak. A shrub or small tree, endemic, not uncommon in Perak.

Orophea dodecandra, *Miq*. Petaling; Seminyih. A tree of Borneo; in the Peninsula common in forest from Langkawi to Singapore.

Orophea enterocarpa, *Maing*. Ulu Gombak (Hume 8475, 8844). A small tree, endemic not common in forest, Perak, Pahang and Malacca.

Orophea setosa, *Oliv*. Seminyih; Ulu Gombak. A shrub, endemic, not common in forest, Perak and Negri Sembilan.

Mitrephora macrophylla, *Oliv.* Dusun Tua; Seminyih; Ulu Gombak; Weld's Hill. A small tree, endemic and common in forest from Penang and Upper Perak to Johore.

Mitrephora reticulata, *Hook. fil.* Batu Caves; Ulu Gombak. A tree of Burma, Lower Siam, Java and Borneo; in the Peninsula common as far south as Selangor and Pulau Tioman.

Popowia fusca, *King.* Ulu Gombak (Hume). A tree, endemic, not common in forest, Perak and Singapore.

Popowia nervifolia, *Maing.* Batu Caves; Dusun Tua; Klang Gates; K. Lumpur; Rawang. A small tree of Lower Siam; in the Peninsula not uncommon in forest from Penang and Upper Perak to Johore.

Popowia nervosa, *Ridl.* Batu Caves; Weld's Hill. A small tree of Lower Siam; in the Peninsula common in forest from Penang and Upper Perak to Singapore.

Popowia pumila, *Ridl.* Batu Caves; near Klang Gates (fide Ridley). A shrub, endemic, not common in forest, Perak and Negri Sembilan.

Popowia ramossissima, *Hook. fil. & Thoms.* Batu Caves; Dusun Tua; Ulu Gombak; Weld's Hill. A small tree of W. Malaysia to the Philippines; in the Peninsula common in forest from Penang to Singapore.

Popowia tomentosa, *Maing.* Batu Caves (Ridley). A shrub, endemic and not uncommon in forest from Penang to Singapore.

Oxymitra biglandulosa, *Scheff.* K. Lumpur (Curtis). A woody climber of W. Malaysia; in the Peninsula not common in forest, Perak, Pahang, Malacca, Singapore.

Oxymitra latifolia, *Hook. fil. & Thoms.* Selangor, without definite locality (Ridl., August 1904). A climbing shrub, endemic, common from Langkawi to Singapore on the West.

Melodorum cylindricum, *Maing.* Ulu Gombak (Forest Dept.). A climbing shrub of Borneo, Billiton and Bangka; in the Peninsula common in the south on forest edges.

Melodorum elegans, *Hook. fil. & Thoms.* Sungai Buloh (Forest Dept.). A tall slender climber, endemic in forest, Penang, Perak, Malacca, Johore, Singapore.

Melodorum fulgens, *Hook. fil.* K. Lumpur; Ulu Gombak. A climbing shrub of Borneo; in the Peninsula not uncommon in open places from Taiping to Singapore.

Melodorum ? lanuginosum, *Hook. fil. & Thoms.* Ulu Gombak (Hume 9023, a galled specimen only).

Melodorum latifolium, *Hook. fil. & Thoms.* Ulu Gombak (Forest Dept.). A liane of W. Malaysia; in the Peninsula not common in forest.

Melodorum pisocarpum, *Hook. fil. & Thoms.* Bukit Lagong; Klang Gates; Seminyih; Ulu Gombak. A climbing shrub of Sumatra; in the Peninsula common from Penang to Singapore in forest.

Xylopia ferruginea, *Hook. fil.* K. Lumpur; Rawang. A tree of Borneo; in the Peninsula common in forest from Perak to Singapore.

Xylopia malayana, *Hook. fil. & Thoms.* Weld's Hill (Forest Dept.). A tall tree of Sumatra and Borneo; in the Peninsula common in the south, doubtfully from Penang.

Phaeanthus lucidus, *Oliv.* Batu Caves; K. Lumpur. A bush or small tree, endemic and common in forest from Penang to Singapore.

Phaeanthus nutans, *Hook. fil. & Thoms.* Batu Caves; Ulu Gombak; Weld's Hill. A bush or small tree of Sumatra; in the Peninsula common from Penang and Upper Perak to Singapore in forest.

Alphonsea Maingayi, *Hook. fil.* Ulu Gombak; Weld's Hill. A small tree, endemic and not uncommon in the south and in Pahang in forest.

Alphonsea subdehiscens, *King.* Weld's Hill (Forest Dept. 10464). A small tree, endemic and rare in forest, Perak and the Dindings.

Mezzettia Curtisii, *King.* Ulu Gombak (Hume 9689). A small tree, endemic and rare, hitherto known only from Penang.

CULTIVATED ANONACEÆ.

Anona muricata, *Linn.* (The Soursop).

Anona reticulata, *Linn.* (The Bullock's Heart).

Anona squamosa, *Linn.* (The Custard Apple). This, like the two preceding species, is a native of Trop. America, and often cultivated in the Peninsula.

Artabotrys odoratissimus, *R. Br.* K. Lumpur (Forest Dept.). Often cultivated in the Peninsula.

Canarium odoratum, *Baill.* A tree, doubtfully of Philippine origin, cultivated throughout Indo-Malaya.

Polyalthia longifolia, *Benth. & Hook. fil.* Near the Selangor Club, K. Lumpur (Forest Dept.). A tall tree of Ceylon, cultivated in India and occasionally in this country.

MENISPERMACEÆ.

Tinomiscium petiolare, *Miers.* K. Lumpur (Ridley). A liane of Indo-Malaya; in the Peninsula common from Perlis to Singapore, usually in secondary growth and open places.

Limacia oblonga, *Miers*. K. Lumpur (Ridl. 3970). A woody climber, endemic and common in secondary growth north of Malacca.

Limacia velutina, *Miers*. K. Lumpur (Ridl. 3968). A woody climber of Indo-China and W. Malaysia; in the Peninsula common from Penang to Singapore in secondary growth and open places.

Pericampylus incanus, *Miers*. Batu Tiga; Klang Gates; K. Lumpur; Seminyih. A slender climber of Indo-Malaya and China; in the Peninsula common in secondary growth, in hedges, and scrambling on bushes in open places.

Stephania capitata, *Spreng*. Rawang; Seminyih. A climber of W. Malaysia; in the Peninsula common from Penang to Singapore in forest.

Stephania hernandifolia, *Walp*. Seminyih (Hume 8015). A climber of Africa and Indo-Australia; in the Peninsula rare, Taiping, and doubtfully from Penang.

Cissampelos Pareira, *Linn*. K. Lumpur (Ridl. 3969). A slender climber, cosmopolitan; in the Peninsula not uncommon in hedges from Penang to Malacca.

CULTIVATED MENISPERMACEÆ.

Tinospora crispa, *Miers*. K. Lumpur, fide Foxworthy. A climber of Indo-Malaya; in the Peninsula introduced, cultivated and running wild in a few localities.

NYMPHAEACEÆ.

Barclaya Motleyi, *Hook. fil.* Batang Berjuntai (Ridl. 7348). An aquatic herb of Sumatra, Borneo and New Guinea; in the Peninsula Penang to Singapore, not uncommon.

CAPPARIDACEÆ.

Gynandropsis pentaphylla, *DC.* Petaling (Ridl.). A pantropic herb, common in the Peninsula in waste ground.

Capparis larutensis, *King*. Klang Gates (Ridl.). A thorny climber, endemic and rare, Larut and Kampar, Perak.

Capparis Scortechinii, *King*. Bukit Puteh Forest Reserve (Forest Dept. 10837). A climbing shrub, endemic, not common in forest, Penang, Perak.

Capparis sp. Batu Caves (Burkill 6369, flr. September).

Crataeva macrocarpa, *Kurz*. Batang Berjuntai; K. Lumpur. A tree of Indo-China; in the Peninsula common from Penang and Kelantan to Singapore, usually on riverbanks.

Crataeva religiosa, *Forst*. Pudu (Goodenough 10477). A shrub or small tree of South India; in the Peninsula possibly not native, but established at Pekan (Pahang) and Tanjong Kling (Malacca), and occasionally cultivated.

VIOLACEÆ.

Alsodeia capillata, *King*. Klang Gates; Ulu Gombak (fide Ridley). A shrub, endemic, not common, Perak and the Dindings.

Alsodeia comosa, *King*. Dusun Tua; Kuang; Rawang; Seminyih. A shrub or small tree of Indo-China and Borneo; in the Peninsula not common in forest, Perak and Kuantan.

Alsodeia echinocarpa, *Korth*. K. Lumpur; Sungai Buloh; Ulu Gombak. A bush or small tree of Siam, Sumatra, Borneo, Indo-China and the Philippines; in the Peninsula common from Penang and Trengganu to Singapore.

Alsodeia Kunstleriana, *King*. Batu Caves; Klang Gates. A shrub or small tree, endemic, not uncommon in forest from Upper Perak to Johore.

Alsodeia Scortechinii, *King*. Ayer Hitam; Batu Caves; Dusun Tua; K. Lumpur. A shrub or small tree of Lower Siam; in the Peninsula not very common in forest, Langkawi, Taiping and Singapore.

Alsodeia Wallichiana, *Hook. fil.* Batu Caves (Ridl. 8252, 8624). A shrub, endemic in forest from Penang and Upper Perak to Malacca and Johore.

PITTOSPOREACEÆ.

Pittosporum ferrugineum, *Ait.* K. Lumpur (Forest Dept.). A small tree of Indo-Australia; in the Peninsula common, usually near the sea.

POLYGALACEÆ.

Polygala cardiocarpa, *Kurz*. Batu Caves, on the limestone rocks (Ridl. 8243). A small herb of Tenasserim and Lower Siam; in the Peninsula on limestone at Langkawi and Goping (Perak).

Polygala pulchra, *Hassk.* Ulu Langat (Kloss, fide Ridley). A small shrub of Java and Sumatra; in the Peninsula usually in hill forest, Perak, Selangor and Negri Sembilan.

Polygala venenosa, *Juss.* Ulu Gombak (Burkill 9967). A small shrub of W. Malaysia to the Philippines; in the Peninsula common from Penang and Kelantan to Johore, commonest in hill forest.

Salomonina cantoniensis, *Lour.* Batang Berjuntai; K. Lumpur; Ulu Gombak; and doubtless in other localities. A small herb of S. E. Asia; in the Peninsula common in grass and sandy places.

Epirhizanthus elongata, *Bl.* Seminyih (Hume 7981). A small parasitic herb of Tenasserim to Borneo and China; in the Peninsula common in forest.

Trigoniasium hypoleucum, *Miq.* K. Lumpur (Forest Dept.). A tree of Sumatra; in the Peninsula not uncommon from Penang to Singapore in forest.

Xanthophyllum affine, *Korth.* Batu Caves; K. Lumpur; Rawang; Sungai Buloh; Ulu Gombak. A large bush or small tree of Tenasserim to the Philippines; in the Peninsula common from Kedah to Singapore, usually in open spots.

Xanthophyllum bullatum, *King.* Dusun Tua (Ridley). A shrub or small tree, endemic and rare, known only from this locality and Taiping.

Xanthophyllum Griffithii, *Benn.* Klang Gates; K. Lumpur; Sungai Buloh. A tree of Tenasserim; in the Peninsula Penang to Malacca in forest.

Xanthophyllum obscurum, *Benn.* Public Gardens, K. Lumpur; Ulu Gombak. A tall tree, endemic, not common, Malacca and Singapore.

Xanthophyllum Palembangicum, *Miq.* Sungai Buloh; Ulu Gombak; Weld's Hill. A small tree of Sumatra; in the Peninsula common from Penang to Singapore in forest.

Xanthophyllum puberulum, *Ridl.* Klang Gates (Ridl. 13390). A shrub, endemic and rare, Dindings.

Xanthophyllum Scortechinii, *King.* Weld's Hill (Forest Dept. 606, ? tree 58). A small tree, endemic and rare in forest, Penang and Perak.

Xanthophyllum stipitatum, *Benn.* Ampang (Forest Dept.). A tree, endemic, not common, Perak and Malacca.

Xanthophyllum venosum, *King.* Dusun Tua; Rawang (Kloss, fide Ridley). A small tree, endemic and rare in forest, Perak.

Xanthophyllum verrucosum, *Chodat.* Weld's Hill (Forest Dept.). A tree of Sumatra; in the Peninsula not common, Penang to Selangor.

Xanthophyllum Wrayi, *King.* Klang Gates; K. Lumpur; Sungai Buloh. A shrub, endemic and common in forest from Penang and Upper Perak to Johore.

PORTULACACEÆ.

Portulaca oleracea, *Linn.* Ampang; K. Lumpur; Rantau Panjang; Seminyih; Ulu Gombak. A fleshy herb, pantropic; in the Peninsula a common weed in waste and cultivated ground.

HYPERICACEÆ.

Hypericum japonicum, *Thunb.* Ulu Gombak (Hume 9406, 9340). A small creeping herb of India to New Zealand; in the Peninsula not common in ricefields and open places, Kelantan, Penang and Singapore.

Cratoxylon arborescens, *Bl.* K. Lumpur; Sungai Buloh. A lofty tree of Burma, Sumatra and Borneo; in the Peninsula common from Penang to Singapore in forest.

Cratoxylon formosum, *Benth. & Hook. fil.* K. Lumpur; Seminyih. A tree of Siam and W. Malaysia to the Philippines; in the Peninsula common from Perlis to Singapore in open country.

Cratoxylon polyanthum, *Korth.* Weld's Hill (Forest Dept.). A tree of Indo-Malaya to the Philippines and China; in the Peninsula Penang to Malacca in thin forest.

FLACOURTIACEÆ.

Flacourtia Cataphracta, *Roxb.* K. Lumpur (Forest Dept.). A small spiny tree of Indo-Malaya; in the Peninsula common in villages.

Flacourtia Rukam, *Zoll. & Mor.* K. Lumpur (Forest Dept.). A small thorny tree of Indo-Malaysia; in the Peninsula common from Penang and Upper Perak to Singapore, a variety cultivated.

Hydnocarpus castanea, *Hook. fil.* Batu Caves; Weld's Hill. A tree of Burma and Tenasserim; in the Peninsula common in forest north of Malacca.

Hydnocarpus Humei, *Ridl., Kew Bull.*, 10, 1926, p. 470. Klang Gates (Hume 7256). A small tree, endemic and local.

Hydnocarpus nana, *King.* Sungai Buloh (Nur 11884). A small tree, endemic and not rare in forest in Penang, Province Wellesley and Perak.

Taraktogenos Kunstleri, *King*, var. *tomentosa*, *Ridl.* K. Lumpur and Ulu Gombak (Forest Dept.). A tree of Sumatra (the species); in the Peninsula rare, both the species and var. in Perak.

Taraktogenos ? Scortechinii, *King.* Ulu Gombak (Forest Dept.).

Taraktogenos sp. Weld's Hill (Forest Dept. 828).

Pangium edule, *Reinw.* Batu Caves; Sungai Buloh. A tree of W. Malaysia; in the Peninsula Upper Perak and Kelantan to Pulau Tioman.

Scaphocalyx spathacea, *Ridl.* Ulu Gombak; Weld's Hill. A small tree, endemic and not common in forest, Negri Sembilan and Malacca.

Ryparosa fasciculata, *King.* Bangi; Klang Gates; Sungai Buloh. A tree, endemic, apparently not common in forest, Perak and the Dindings to Malacca.

Ryparosa Kunstleri, *King.* Kajang; K. Lumpur. A tall tree of Sumatra; in the Peninsula not common, Perak and the Dindings.

Ryparosa Scortechinii, *King*. Bangi; Sungai Buloh; Weld's Hill. A small tree, endemic in forest from Penang and Kelantan to Selangor and Pahang.

CULTIVATED FLACOURTIACEÆ.

Hydnocarpus anthelminticus, *Pierre*. (Chaulmoogra). Serdang Experimental Plantation. A tree of Cochin-China.

Taraktogenos Kurzii, *King*. (Burmese Chaulmoogra). Serdang Experimental Plantation. A tree of Burma.

GUTTIFERÆ.

Garcinia eugeniæfolia, *Wall*. Weld's Hill (Forest Dept.). A tree of Tenasserim; in the Peninsula common in forest from Kedah to Singapore.

Garcinia Forbesii, *King*. Sungai Buloh (Forest Dept.). A small tree of Sumatra; in the Peninsula not common, Perak, Pahang and Singapore.

Garcinia globulosa, *Ridl*. Weld's Hill (Forest Dept.). A tree, endemic, and common in forest from Perak to Singapore.

Garcinia nigrolineata, *Planch*. K. Lumpur; Rawang; Sungai Buloh. A tree of Burma, Siam and the Carimons; in the Peninsula common in forest from Langkawi to Singapore.

Calophyllum ferrugineum, *Ridl*. Sungai Buloh (Forest Dept. 2264). A tall tree, endemic and rare, known only from this locality and from Singapore.

Calophyllum floribundum, *Hook. fil.* Sungai Buloh (Forest Dept.). A tree, endemic, not very common, Perak, Pahang, Malacca and Singapore.

Calophyllum Griffithii, *T. Anders*. Sungai Buloh (Forest Dept.). A tall tree of Sumatra; in the Peninsula not common, usually on riverbanks, Penang, Malacca, Johore and Singapore.

Calophyllum inophyllum, *Linn*. K. Lumpur (Forest Dept.). A tree of Africa and Indo-Australia; in the Peninsula common, usually on sandy seashores.

Calophyllum Kunstleri, *King*. Weld's Hill (Forest Dept. 1831, tree 303). A tree of Borneo and the Philippines; in the Peninsula Langkawi to Negri Sembilan and Pahang.

Calophyllum macrocarpum, *Hook. fil.* Public Gardens, K. Lumpur (Forest Dept.). A tall tree of Borneo; in the Peninsula not common on riverbanks and near the sea, Perak, Malacca, Johore and Singapore.

Calophyllum Wallichianum, *Planch. & Triana*. Bangi; K. Lumpur; Sungai Buloh. A tall tree, endemic, common in forest from Penang to Singapore.

Kayea caudata, *King*. Klang Gates; ? Sungai Buloh. A small tree, endemic, not common in forest, Perak to Negri Sembilan.

Kayea elegans, *King*. Klang Gates (Ridley 13527). A tree, endemic and rare, Gunong Bubu (Perak).

Kayea grandis, *King*. Public Gardens, K. Lumpur; Ulu Gombak. A tree, endemic and common in forest from Penang to Malacca.

Kayea Kunstleri, *King*. K. Lumpur; Sungai Buloh; Ulu Gombak. A shrub or small tree, endemic in forest, Kedah, Penang, Perak, Dindings.

Kayea nervosa, *T. Anders*. Sungai Buloh; Weld's Hill. A tree of Burma; in the Peninsula rare in forest, Taiping.

Kayea rivulorum, *Ridl*. Kanching, fide Ridley. A small tree, endemic and rare, Malacca.

Mesua ferrea, *Linn*. Kajang; Sungai Buloh. A tall tree of India, Indo-China, Siam and Java; in the Peninsula common from Penang to Singapore.

CULTIVATED GUTTIFERÆ.

Clusia odorata, *Seem*. K. Lumpur (Forest Dept.). A bushy tree of Central America; in the Peninsula occasionally cultivated.

Garcinia atroviridis, *Griff*. K. Lumpur (Forest Dept.). A tree, endemic, Penang to Singapore, wild and cultivated.

Garcinia dulcis, *Kurz*. K. Lumpur (Agri. Dept.). A tree of W. Malaysia, common in cultivation in the Peninsula.

Garcinia Mangostana, *Linn*. (The Mangosteen). Cultivated everywhere in the Peninsula, but not known in a wild state.

Garcinia Prainiana, *King*. K. Lumpur (Agri. Dept.). A tall tree, endemic and not uncommon in orchards in Perak and Pahang.

Garcinia xanthochymus, *Hook. fil*. K. Lumpur (Agri. Dept.). A tree of India, Burma and Tenasserim; in the Peninsula occasionally cultivated.

TERNSTROEMIACEÆ.

Adinandra macrantha, *Teys. & Binn*. Weld's Hill (Forest Dept. 970). A tree of Sumatra and Java; in the Peninsula apparently not common, Perak, Pahang and Johore.

Eurya acuminata, *DC*. Klang Gates; K. Lumpur; Petaling; Seminyih; Ulu Gombak. A shrub or small tree of Indo-Malaysia and China; common over the whole Peninsula in open country and occasionally in forest.

Pyrenaria acuminata, *Planch.* K. Lumpur (Curtis, Forest Dept.). A small tree, endemic, common in forest from Penang and Kelantan to Singapore.

Gordonia concentricatrix, *Burkill.* Rantau Panjang (Forest Dept. 878). A tall tree, endemic, not common in forest, Dindings, Pahang, Malacca.

Saurauia cauliflora, *Bl.* Batu Caves (Burkill 6257, Ridley 8269). A tree of Java; in the Peninsula rare near limestone, Batu Kurau (Perak).

Saurauia nudiflora, *DC.* Ulu Gombak (Forest Dept. 10452). A small tree of Java; in the Peninsula in forest from Upper Perak to Negri Sembilan.

Saurauia tristyla, *DC.* Batu Caves; Klang Gates; K. Lumpur; Rawang; Seminyih; Ulu Gombak. A small tree of Siam and Indo-China; in the Peninsula common usually in forest.

Archytea VahlII, *Choisy.* K. Lumpur (Forest Dept.). A small slender tree of W. Malaysia; in the Peninsula common from Penang to Singapore in open country.

DIPTEROCARPACEÆ.

Dryobalanops aromatica, *Gaertn. fil.* Kanching (Forest Dept.), planted in K. Lumpur and Rawang. A lofty tree of Sumatra, Lingga and Borneo; in the Peninsula not uncommon in the south, usually gregarious.

Dryobalanops oblongifolia, *Dyer.* Rantau Panjang (Forest Dept.). A lofty tree of Borneo; in the Peninsula Kelantan to Johore and from Kinta southwards on the west.

Dipterocarpus cornuta, *Dyer.* Bukit Puteh Forest Reserve (Forest Dept.). A tree of ? Sumatra and Borneo; in the Peninsula common in forest from Penang to Singapore.

Dipterocarpus crinita, *Dyer.* Ampang; Batu Caves; Kajang; Weld's Hill. A lofty tree of Sumatra and Borneo; in the Peninsula common in forest.

Dipterocarpus Duperreana, *Dyer.* Ampang; Dusun Tua; Sungai Buloh; Weld's Hill. A lofty tree of Indo-China, Sumatra and Siam; in the Peninsula in forest, Langkawi, Kelantan, Pahang.

Dipterocarpus grandiflora, *Blanco.* Sungai Lallang Forest Reserve (Forest Dept.). A lofty tree of Tenasserim, Lingga, Bangka, Sumatra, Borneo and the Philippines; in the Peninsula common in forest.

Dipterocarpus verrucosa, *Foxworthy.* Kajang (Forest Dept.). A lofty tree of Sumatra and Borneo; in the Peninsula rare in forest, Negri Sembilan.

Anisoptera costata, Korth. Bangi Forest Reserve (Forest Dept.). A lofty tree of Tenasserim, Sumatra and Borneo; in the Peninsula not uncommon in forest in the south.

Anisoptera magistocarpa, van Slooten. Ulu Gombak (Forest Dept.). A tree of Sumatra; in the Peninsula in forest, Negri Sembilan, Malacca, Botanic Gardens, Singapore.

Anisoptera thurifera, Bl. 16½ mile, Ginting Simpak Road (Forest Dept.). A tree of ? Burma, ? Sumatra and the Philippines; in the Peninsula not common in forest, Perak.

Shorea acuminata, Dyer. Ampang; Kajang; Kanching; Sungai Buloh. A tall tree of Lingga and Borneo; in the Peninsula in forest from Penang to Malacca.

Shorea bracteolata, Dyer. Ampang; Ayer Hitam; Kajang; Kanching; Klang Gates; Sungai Buloh; Weld's Hill. A lofty tree of Sumatra; in the Peninsula not uncommon in forest from Penang to Singapore.

Shorea ciliata, King. Kajang (Forest Dept.). A tree, endemic and rare, Penang Hill.

Shorea costata, King. Kajang (Forest Dept.). A tree, endemic and rare, Penang.

Shorea Curtisii, Dyer. Kajang; Kanching; Ulu Gombak. A tall tree, endemic in forest from Penang to Singapore.

Shorea leprosula, Miq. Ampang; Kajang; Sungai Buloh; Weld's Hill. A lofty tree of Sumatra and Borneo; in the Peninsula common in forest from Taiping to Singapore.

Shorea macroptera, Dyer. Ampang; Bukit Puteh; Kajang; Kanching. A tree of Borneo; in the Peninsula common in forest from Penang to Singapore.

Shorea ? Maxwelliana, King. Kajang (Forest Dept.).

Shorea parvifolia, Dyer. Kajang; Kanching; Klang Gates; K. Lumpur; Sungai Buloh. A tall tree, endemic, common in forest from Penang to Singapore.

Shorea pauciflora, King. Ulu Gombak (Forest Dept.). A tall tree, endemic, not very common in forest, Penang to Singapore.

Shorea rigida, Brandis. Sungai Buloh (Forest Dept.). A tall tree, endemic, Negri Sembilan, Malacca, Singapore.

Shorea sericea, Dyer. Kajang (Forest Dept.). A tree of Borneo; in the Peninsula common in forest from Penang to Malacca.

Shorea sp. (Meranti Kait-Kait). Kajang (Forest Dept.). Also collected near Sungkai, Perak.

Shorea sp. 20¼ mile, Ginting Simpak Road (Forest Dept.).

Shorea sp., aff. *Pachychlamys Hemsleyanus*, *Ridl.* Bukit Cheraka Forest Reserve (Forest Dept.).

Pachychlamys Thiseltoni, *Ridl.* Sungai Buloh; Weld's Hill. A tree of Sumatra; in the Peninsula not uncommon in forest from Penang to North Johore.

Hopea globosa, *Brandis.* Rantau Panjang (Ridley). A lofty tree, endemic in forest from Taiping to Johore.

Hopea intermedia, *King.* Bukit Cheraka; Kajang; ? Rantau Panjang; Sungai Lallang. A tree, endemic, not common in forest, Penang and Perak. (Dr. Foxworthy prefers to keep this separate from *H. Pierrei*, *Hance*, with which Mr. Ridley unites it).

Vatica sp. Weld's Hill (Forest Dept. 2935).

Balanocarpus Heimii, *King.* Ampang; Bukit Cheraka; Sungai Lallang. A tree, endemic in forest, Penang to Malacca.

Balanocarpus latifolius, *Brandis.* Kanching (Forest Dept.). A tree of Borneo; in the Peninsula known only from this locality.

Balanocarpus penangianus, *King.* Ampang (Forest Dept.). A tree, endemic in forest, Penang to Malacca.

Pachynocarpus Stapfianus, *King.* Ampang; Bangi. A tall tree of Lower Siam; in the Peninsula not common in forest, Langkawi, Penang and Pahang.

BIXACEÆ, CULTIVATED.

Bixa Orellana, *Linn.* (Arnotto). Cultivated in various localities. A pantropic bush of South American origin.

MALVACEÆ.

Sida carpinifolia, *Linn. fil.* Seminyih; Ulu Gombak. An undershrub, pantropic; in the Peninsula a common weed in waste ground.

Sida rhombifolia, *Linn.* Batang Berjuntai; Klang Gates; K. Lumpur; Pudu; Seminyih; Ulu Gombak. A pantropic undershrub common in the Peninsula on seashores and waste ground.

Urena lobata, *Linn.* Batang Berjuntai; Klang Gates; Pudu; Seminyih; Ulu Gombak. A pantropic undershrub, common in the Peninsula in open places and waste ground.

Hibiscus macrophyllus, *Roxb.* Sungai Buloh; Weld's Hill. A tall tree of India, Indo-China, Siam and Java; in the Peninsula common in forest from Penang to Malacca.

Hibiscus tiliaceus, *Linn.* Pudu (Hume 7716). A small tree, pantropic; in the Peninsula common on seashores and often planted inland.

Bombax larutensis, *Ridl.* Ulu Gombak (Forest Dept., and other collectors). A tall thorny, tree, endemic, not common in forest, Penang, Perak, ? Kelantan, Negri Sembilan.

Durio Lowianus, *Scort.* Sungai Buloh (Forest Dept. 4596). A tree, endemic in forest, Kedah, Perak, Pahang, Negri Sembilan.

Durio malaccensis, *Planch.* K. Lumpur; Ulu Gombak. A tall tree, endemic in forest, Taiping to Malacca.

Durio Oxleyanus, *Griff.* Sungai Buloh (Forest Dept. 4903). A tree, endemic, not common in forest, Dindings, Pahang, Negri Sembilan and Malacca.

Boschia Griffithii, *Mast.* Klang Gates; Sungai Buloh; Ulu Gombak; Weld's Hill. A tree of Sumatra; in the Peninsula common in forest.

Neesia synandra, *Mast.* Weld's Hill (Forest Dept.). A tall tree of Lower Siam; in the Peninsula not uncommon in forest from Penang to Singapore.

Coelostegia Griffithii, *Benth. & Hook. fil.* Sungai Buloh (Forest Dept.). A tall tree, endemic and common in forest from Perak to Singapore.

CULTIVATED MALVACEÆ.

Durio zibethinus, *Linn.* (The Durian). A tree of Indo-China and W. Malaysia, known only in cultivation.

Eriodendron anfractuosum, *DC.* (Kapk). Common in villages, gardens, etc. A pantropic tree, origin probably South India.

Hibiscus esculentus, *Linn.* ("Lady's Fingers"). A tall herb, cultivated as a vegetable in all tropics.

Hibiscus mutabilis, *Linn.* A shrub of Chinese origin, cultivated in all tropics.

Hibiscus rosa-sinensis, *Linn.* Common in gardens. Pantropic in cultivation.

Hibiscus Sabdariffa, *Linn.* (Roselle). K. Lumpur; Serdang. A pantropic shrub, commonly cultivated in the Peninsula.

Hibiscus schizopetalus, *Hook. fil.* Common in gardens. A shrub of Africa, commonly cultivated in the Peninsula.

STERCULIACEÆ.

Sterculia hispidissima, *Ridl.* Ulu Gombak; Weld's Hill. A tree, endemic and rare in forest, doubtfully also from Singapore.

Sterculia laevis, *Wall.* Batu Caves; K. Lumpur; Ulu Gombak. A shrub of Tenasserim, Java and Borneo; in the Peninsula common in forest.

***Sterculia macrophylla*, Vent.** Batu Caves; K. Lumpur. A tall tree of Java and Borneo; in the Peninsula common in lowland forest.

***Sterculia parviflora*, Roxb.** Ampang; Weld's Hill. A tree of Sylhet, Burma and Cochin-China; in the Peninsula common in forest at low altitudes.

***Sterculia parvifolia*, Wall.** K. Lumpur (Forest Dept.). A small tree, endemic and rare in forest, Penang and Taiping.

***Sterculia rubiginosa*, Vent.** Sungai Buloh; Weld's Hill. A small tree of Indo-Malaya; in the Peninsula common in open country.

***Scaphium affine*, Ridl.** Weld's Hill (Forest Dept.). A tree of ? Indo-China; in the Peninsula common in forest in the south.

***Pterocymbium javanicum*, R. Br.** Weld's Hill (Forest Dept.). A tree of Indo-Malaya to the Philippines; in the Peninsula not common in open country, Perlis, Penang, Perak and Malacca.

***Erythropsis fulgens*, Ridl.** K. Lumpur (Curtis, Forest Dept.). A tree of Burma, Tenasserim, Sumatra and Java; in the Peninsula not common in forest, Penang, Upper Perak and Kelantan.

***Tarrietia perakensis*, King.** K. Lumpur (Forest Dept. 2367). A tree, endemic and rare in forest, Taiping Hills.

***Tarrietia simplicifolia*, Mast.** Dusun Tua (Ridley). A lofty tree, endemic and not uncommon in the south.

***Pterospermum Blumeanaum*, Korth.** Klang Gates; Sungai Buloh. A tree of Indo-Malaya; in the Peninsula common in forest from Langkawi to Singapore.

***Pterospermum diversifolium*, Bl.** Batu Caves; K. Lumpur. A tall tree of Indo-China, Java and the Philippines; in the Peninsula not very common in forest, Kelantan, Perak, Negri Sembilan, Malacca, Singapore.

***Melochia corchorifolia*, Linn.** Ampang; Batang Berjuntai; Klang Gates; K. Lumpur; Pudu. A small pantropic shrub; a common weed in waste ground all over the Peninsula.

***Melochia velutina*, Bedd.** Sungai Buloh (Forest Dept. 2295). A shrub or small tree of Indo-Malaya and Mauritius; in the Peninsula not uncommon in the north in open places.

***Abroma augusta*, Linn.** Batu Caves (Ridley). A shrub of Indo-Australia and China; in the Peninsula Upper Perak to Singapore, usually near cultivation or limestone.

***Byttneria Jackiana*, Wall.** Batu Tiga (Ridley). A woody climbing shrub, endemic, Penang to Negri Sembilan in forest.

Commersonia platyphylla, Andr. K. Lumpur; Petaling. A small tree of Indo-Malaya to the Philippines; in the Peninsula common from Penang to Singapore in secondary growth.

Leptonychia glabra, Turcz. Batu Caves; K. Lumpur; Sungai Buloh. A shrub or small tree of Indo-Malaya; in the Peninsula common in forest, often montane or sub-montane.

CULTIVATED STERCULIACEÆ.

Cola acuminata, S. & E. (Kola nut). Serdang Experimental Plantation. A tree of Trop. America; in the Peninsula occasionally cultivated.

Muntingia calabura, Linn. Cultivated, fide Foxworthy. A tree of the West Indies; in the Peninsula occasionally cultivated.

Theobroma cacao, Linn. (Cocoa). A tree of Trop. America, occasionally cultivated in the Peninsula.

TILIACEÆ.

Pentace triptera, Mast. K. Lumpur (Forest Dept.). A tall tree, endemic, Taiping to Singapore in forest.

Grewia antidesmæfolia, King. Ulu Gombak (Forest Dept.). A small tree of Lower Siam; in the Peninsula not common in forest, Taiping to Johore.

Grewia fibrocarpa, Mast. Ulu Gombak; Weld's Hill. A tree, endemic and common in forest from Penang to Malacca and on the East coast islands.

Grewia latifolia, Mast. K. Lumpur; Ulu Gombak. A small tree, endemic, not uncommon from Perak to Singapore in forest.

Grewia Miqueliana, Kurz. Weld's Hill (Forest Dept.). A small tree, endemic, Taiping to Johore in forest.

Grewia paniculata, Roxb. Batang Berjuntai; Klang Gates; K. Lumpur. A small bushy tree of Indo-Malaya to the Philippines and Indo-China; in the Peninsula common as far south as Johore in open country.

Grewia umbellata, Roxb. Batu Caves; Bukit Raja; Klang Gates; K. Lumpur; Rawang; Seminyih; Sungai Buloh. A climbing shrub of Siam, Java and Borneo; in the Peninsula common in secondary growth.

Elaeocarpus Ganitrus, Roxb. Sungai Buloh (Forest Dept.). A tree of Nepal and Assam, doubtfully wild in the Peninsula.

Elaeocarpus glabrescens, Mast. K. Lumpur; Ulu Gombak. A tree of Lower Siam; in the Peninsula Kedah Peak, Penang, Selangor, Malacca, in forest usually in hilly localities.

Elaeocarpus Griffithii, *Mast.* Klang Gates; Public Gardens, K. Lumpur. A tree of Tenasserim; in the Peninsula not uncommon in forest in the lowlands.

Elaeocarpus Jackianus, *Wall.* K. Lumpur (Forest Dept.). A tall tree of Borneo; in the Peninsula common in forest on the west coast.

Elaeocarpus Mastersii, *King.* Klang Gates; K. Lumpur. A tree of Borneo; in the Peninsula common in open woody places.

Elaeocarpus obtusus, *Bl.* Weld's Hill (Forest Dept.). A tree of Indo-Malaya; in the Peninsula common from Penang to Singapore in open places and on the seacoast.

Elaeocarpus paniculatus, *Wall.* Ampang; K. Lumpur; Rantau Panjang. A tree of Lower Siam, Bangka and Borneo; in the Peninsula common in lowland forest.

Elaeocarpus parvifolius, *Wall.* Sungai Buloh; Weld's Hill. A tall tree of Lower Siam and Borneo; in the Peninsula common from Penang to Singapore, both in open country and in forest.

Elaeocarpus petiolatus, *Wall.* Batu Caves; K. Lumpur; Sungai Buloh. A small tree of Burma, Sumatra and Borneo; in the Peninsula common from Penang to Singapore in lowland forest.

Elaeocarpus stipularis, *Bl.* Ampang; Klang Gates; K. Lumpur; Rantau Panjang; Sungai Buloh. A tree of W. Malaysia; in the Peninsula common from Kedah to Singapore, usually in lowland forest.

CULTIVATED TILIACEÆ.

Berrya Ammonilla, *Roxb.* Public Gardens, K. Lumpur. A tall tree of India, Ceylon and Burma, occasionally cultivated in the Peninsula.

Corchorus olitorius, *Linn.* (Jute). Cultivated, fide Foxworthy. A native of India, pantropic in cultivation.

Honckenya ficifolia, *Willd.* K. Lumpur (Forest Dept.). A shrub of Trop. Africa, occasionally cultivated in the Peninsula.

GONOSTYLACEÆ.

Gonostylus Maingayi, *Hook. fil.* Ayer Hitam; Klang Gates; Sungai Buloh; Weld's Hill. A large tree, endemic in forest from Penang to Singapore.

LINACEÆ.

Roucheria Griffithiana, *Planch.* Klang Gates; K. Lumpur. A liane of Sumatra and Borneo; in the Peninsula common in lowland forest.

***Ixonanthes icosandra*, Jack.** Batang Berjuntai; Klang Gates; Rantau Panjang; Sungai Buloh; Weld's Hill. A small tree of Sumatra; in the Peninsula common from Kedah to Singapore in woods and open country.

***Ixonanthes reticulata*, Jack.** Public Gardens and Weld's Hill, K. Lumpur. A shrub of Borneo; in the Peninsula Kedah to Singapore in woods.

CULTIVATED LINACEÆ.

***Erythroxylon coca*, Lam.** (Cocaine). Serdang Experimental Plantation. A shrub of S. America; in the Peninsula very occasionally cultivated.

MALPIGHIACEÆ.

***Tristellateia australasica*, A. Rich.** K. Lumpur, cultivated (Forest Dept.). A woody climber of W. Malaysia to Polynesia; in the Peninsula wild in tidal swamps and often cultivated.

***Hiptage madablota*, Gaertn.** K. Lumpur (Ridley). A liane of Indo-Malaya and China; in the Peninsula perhaps not wild south of Perlis.

***Hiptage sericea*, Hook. fil.** Public Gardens, K. Lumpur (Forest Dept.). A liane of Lower Siam; in the Peninsula Penang to Singapore in open places and riverbanks.

***Aspidopterys concava*, Juss.** K. Lumpur (Ridley). A liane of Burma and Tenasserim; in the Peninsula Penang to Singapore in forest.

***Brachylophon Curtisii*, Oliv.** Seminyih (Hume 8168). A shrub or small tree of Sumatra; in the Peninsula rare, Penang, Perak, Mt. Ophir (a var.).

CULTIVATED MALPIGHIACEÆ.

***Malpighia coccigera*, Linn.** Public Gardens, K. Lumpur (Forest Dept.). A shrub of the West Indies, cultivated in the Peninsula as an ornamental shrub.

OXALIDACEÆ.

***Oxalis corniculata*, Linn.** K. Lumpur; Pudu. A creeping herb, cosmopolitan; in the Peninsula common near houses in waste ground.

***Connaropsis monophylla*, Planch.** K. Lumpur; Sungai Buloh. A small tree, endemic, common in open places from Perak to Johore.

CULTIVATED OXALIDACEÆ.

***Averrhoa Bilimbi*, Linn.** (The Belimbing). A small tree of Trop. America, cultivated in most tropical countries.

***Averrhoa Carambola*, Linn.** (The Carambola). A small tree of Trop. America, pantropic in cultivation.

BALSAMINACEÆ.

Impatiens Ridleyi, *Hook. fil.* Batu Caves on the limestone (all collectors). A small shrubby herb, endemic and local.

RUTACEÆ.

Evodia glabra, *Bl.* Sungai Buloh; Weld's Hill. A tree of Tenasserim, Sumatra and Java; in the Peninsula common in lowland forest from Penang to Singapore.

Evodia latifolia, *DC.* K. Lumpur; Rantau Panjang; Sungai Buloh; Ulu Gombak. A small tree of Lower Siam, Java, Borneo and the Moluccas; in the Peninsula common in forest from Penang to Johore.

Acronychia laurifolia, *Bl.* K. Lumpur (Forest Dept.). A small tree of Indo-Malaya; in the Peninsula common in lowland forest.

Acronychia Porteri, *Hook. fil.* K. Lumpur (Weld's Hill and in the Public Gardens). A tree of Lower Siam; in the Peninsula in forest from Penang to Singapore and on the East coast.

Glycosmis malayana, *Ridl.* Klang Gates; Seminyih; Ulu Gombak; Weld's Hill. A shrub, endemic, common from Langkawi to Singapore in lowland forest.

Glycosmis monticola, *Ridl.* Seminyih (Hume). A shrub, endemic and rare, Gunong Angsi and Mt. Ophir.

Micromelum hirsutum, *Oliv.* Sungai Buloh; Ulu Gombak. A shrub or small tree of Indo-Malaya to the Philippines; in the Peninsula not uncommon in open country from Penang and Kelantan to Mt. Ophir.

Micromelum pubescens, *Bl.* Klang Gates (cultivated here by Tamils, *fide* Forest Dept.). A shrub or small tree of Indo-Australia and China; in the Peninsula common in open country.

Merrillia caloxylon, *Swingle.* Weld's Hill (Forest Dept. 5186). A bush or tree of Lower Siam; in the Peninsula not common, Patani, Upper Perak and Pahang, in forest and near rivers.

CULTIVATED RUTACEÆ.

Aegele marmelos, *Correa.* (Bael fruit). A native of India, seldom cultivated in the Peninsula.

Citrus aurantium, *Linn.* (The Orange). Cultivated, as it is in most tropics and subtropics.

Citrus decumana, *Murr.* (The Pumelo). A tree, native of W. Malaysia to Polynesia, cultivated throughout Indo-Malaya.

Citrus medica, *Linn.*, var. *acida*, *Hook. fil.* (The Lime). A small tree of Trop. Asia, cultivated in all tropics.

Feronia elephantum, *Correa*. (Wood Apple). K. Lumpur (Agri. Dept.). A spiny tree of Indo-Malaya, not often cultivated in the Peninsula.

Murraya exotica, *Linn.* Circular Rd. Plantation and Weld's Hill, cultivated (Forest Dept.). A shrub or small tree of Indo-Australia and China; in the Peninsula wild on limestone, and often cultivated as an ornamental shrub.

Triphasia trifoliata, *DC.* K. Lumpur (Forest Dept.). A small shrub, probably of Chinese origin, cultivated throughout Indo-Malaya.

SIMARUBACEÆ.

Brucea sumatrana, *Roxb.* K. Lumpur (Ridley). A shrub of Indo-Australia; in the Peninsula common in open places.

Eurycoma apiculata, *Benn.* Petaling; Weld's Hill. A shrub, endemic, Penang to N. Johore, commonest in the north, in forest.

Eurycoma longifolia, *Jack.* Rantau Panjang (Hume). A shrub or small tree of Indo-Malaya; in the Peninsula common in forest.

Irvingia malayana, *Oliv.* K. Lumpur (Forest Dept.). A lofty tree of Burma and Siam; in the Peninsula Negri Sembilan, Malacca, Singapore, in forest.

OCHNACEÆ.

Gomphia oblongifolia, *Ridl.* Klang Gates; K. Lumpur. A tree of Tenasserim and Borneo; in the Peninsula common from Kedah to Singapore.

CULTIVATED OCHNACEÆ.

Ochna Wallichii, *Planch.* K. Lumpur, in the Public Gardens (Forest Dept.). A shrub of Burma, Tenasserim and Lower Siam; in the Peninsula cultivated only.

BURSERACEÆ.

Triomma malaccensis, *Hook. fil.* Public Gardens, K. Lumpur (Forest Dept.). A tree of Sumatra; in the Peninsula Selangor, Malacca, Singapore in forest.

Canarium caudatum, *King.* K. Lumpur; Rantau Panjang. A tree of Sumatra; in the Peninsula not common, Penang, Perak and Singapore in lowland forest.

Canarium grandiflorum *Benn.* Weld's Hill (Forest Dept.). A tree, endemic and not common in forest, Malacca and Singapore.

Canarium kadondon, *Benn.* Weld's Hill (Forest Dept.). A tree, endemic and common in forest from Penang to Singapore.

Canarium nitidum, *Benn.* Weld's Hill (Forest Dept.). A small tree, endemic, Perak to Singapore, usually in forest but often in open country.

Canarium pilosum, *Benn.* K. Lumpur (Weld's Hill and Damansara Hill). A tree, endemic, Penang to Singapore, in forest.

Canarium rufum, *Benn.* Weld's Hill (Forest Dept.). A tree, endemic, Upper Perak to Singapore, in forest.

Santiria apiculata, *Benn.* Batang Berjuntai; Bukit Raja; Kanching; K. Lumpur; Sungai Buloh; Ulu Gombak. A tree, endemic and common in lowland forest from Taiping to Singapore.

Santiria fasciculata, *Benn.* Weld's Hill (Forest Dept.). A tall tree, endemic, Penang to Malacca, in forest.

Santiria floribunda, *King.* K. Lumpur (Ridley). A small tree, endemic, not common in forest, Perak and Pahang.

Santiria laevigata, *Bl.* K. Lumpur; Ulu Gombak. A tall tree of Sumatra; in the Peninsula common in lowland forest from Taiping to Singapore.

Santiria laxa, *King.* Sungai Buloh; Weld's Hill. A tree, endemic and common in forest from Penang to Singapore.

Santiria multiflora, *Benn.* K. Lumpur; Sungai Buloh. A tree of Borneo; in the Peninsula in marshy forest from Taiping to Singapore.

Santiria Wrayi, *King.* Kajang; Kanching. A tree, endemic, Taiping to Johore on the west coast.

Icicaster Planchoni, *Ridl.* K. Lumpur (Weld's Hill and the Public Gardens). A tree, endemic, Taiping to Singapore in forest.

MELIACEÆ.

Turraea breviflora, *Ridl.* Kanching, on limestone (Ridley). A shrub, endemic and rare, Ulu Selangor and Singapore.

Chisocheton glomeratus, *Hiern.* Batu Caves; K. Lumpur; Ulu Gombak. A tall tree, endemic, not common, Perak to Negri Sembilan, in forest.

Chisocheton macrophyllus, *King.* Batu Caves (Curtis). A tree of Java; in the Peninsula not common in forest, Penang, Selangor, Singapore.

Chisocheton princeps, *Hemsl.* Sungai Buloh (Forest Dept.). A tree, endemic and rare, Penang.

Chisocheton spicatus, *Hiern*. Klang Gates (Forest Dept.). A tree of Sumatra and Borneo; in the Peninsula Penang to Singapore in forest.

Dysoxylum arborescens, *Miq.* Klang Gates (Forest Dept.). A small tree of Tenasserim to Celebes; in the Peninsula Perak, Pahang, Malacca, in lowland forest.

Dysoxylum cauliflorum, *Hiern*. Weld's Hill (Forest Dept.). A tree of Borneo (a var.) and the Philippines; in the Peninsula Penang to Singapore in forest.

Dysoxylum costulatum, *Miq.* Dusun Tua (Ridley). A tree of Sumatra; in the Peninsula common in forest.

Dysoxylum dumosum, *King*. Seminyih (Hume). A shrub, endemic, Perak to Johore in forest.

Dysoxylum flavescens, *Hiern*. K. Lumpur (Forest Dept.). A tree, endemic, not common in forest, Penang, Malacca and Singapore.

Dysoxylum macrothyrsus, *Miq.* Batang Berjuntai; K. Lumpur; Sungai Buloh (var. *microbotrys*, *Ridl.*). A tree of Java and Borneo; in the Peninsula Taiping to Singapore in forest.

Dysoxylum thrysoideum, *Griff.* Sungai Buloh (Forest Dept.). A tall tree of Borneo; in the Peninsula common in forest.

Dysoxylum turbinatum, *King*. Sungai Buloh; Ulu Gombak; Weld's Hill. A small tree of Sumatra; in the Peninsula common in forest in the south.

Amoora Maingayi, *Hiern*. Weld's Hill (Forest Dept.). A small tree, endemic, rare and little known, Taiping and Malacca.

Aphanamixis Rohituka, *Pierre*. K. Lumpur; Sungai Buloh; Ulu Gombak; Weld's Hill. A tree of India to Sumatra and China; in the Peninsula common in forest.

Aglaia cordata, *Hiern*. Bukit Tunggal Forest Reserve (Forest Dept.). A small tree of Borneo; in the Peninsula common in forest.

Aglaia glabriflora, *Hiern*. Ayer Hitam Forest Reserve; Weld's Hill. A small tree, endemic, not uncommon in the south in open places.

Aglaia Griffithii, *Kurz*. Sungai Buloh (Forest Dept.). A tree of Tenasserim; in the Peninsula common in forest from Penang to Singapore.

Aglaia Hiernii, *King*. Klang Gates; Ulu Gombak. A tall tree, endemic, Perak and Malacca, in forest.

Aglaia odoratissima, *Bl.* Seminyih; Ulu Gombak; Weld's Hill. A tree of Siam, Sumatra and Java; in the Peninsula common in lowland forest.

Aglaia oligophylla, *Miq.* Weld's Hill (Forest Dept.). A small tree of Burma and Sumatra; in the Peninsula not common in forest, Perak, Malacca, Johore and Singapore.

Aglaia palembanica, *Miq.* Ulu Gombak. A shrub or small tree of Sumatra, Bangka and Borneo; in the Peninsula common in forest.

Aglaia tenuicaulis, *Hiern.* Dusun Tua; Seminyih; Ulu Gombak; Weld's Hill. A shrub or small tree of Sumatra; in the Peninsula Penang to Negri Sembilan, in forest.

Aglaia trichostemon, *C. DC.* K. Lumpur (Forest Dept.). A small tree of Borneo; in the Peninsula common in lowland forest.

Lansium domesticum, *Jack.* Batu Caves; K. Lumpur; Weld's Hill (var. *pubescens*, *Koorders*). A small tree of W. Malaysia; in the Peninsula common, cultivated and wild.

Walsura multijuga, *King.* Sungai Buloh; Ulu Gombak; Weld's Hill. A small tree of Sumatra, Bangka, Borneo, and the Philippines; in the Peninsula Penang to Singapore in forest.

Walsura villosa, *Wall.* Ulu Gombak (Forest Dept.). A small tree of Tenasserim, Siam and Indo-China; in the Peninsula rare, Perak, Pahang, Malacca.

CLUTIVATED MELIACEÆ.

Aglaia odorata, *Lour.* K. Lumpur. A shrub of China; in the Peninsula cultivated only.

Melia Azedarach, *Linn.* K. Lumpur. A small tree of India; in the Peninsula occasionally cultivated.

CHAILLETIACEÆ.

Chailletia Griffithii, *Hook. fl.* Ampang; Batang Berjuntai; Batu Caves; Dusun Tua; Klang Gates; Seminyih; Ulu Gombak. A shrub, endemic, not uncommon in forest from Perak to Malacca.

OLACACEÆ.

Harmandia Kunstleri, *King.* Batu Caves (Ridley). A tree, endemic, not common in forest, Perak, Malacca.

Ochanostachys amentacea, *Mast.* Ampang; Kajang, K. Lumpur; Rantau Panjang; Sungai Buloh; Ulu Gombak. A tree of Tenasserim, Bangka, Lingga and Borneo; in the Peninsula common in forest from Penang to Singapore.

Ctenolophon parvifolius, *Oliv.* Seminyih (Hume). A tree of Sumatra and Borneo; in the Peninsula common in forest.

Strombosia javanica, *Bl.* Batu Caves; Batu Tiga; Weld's Hill. A small tree of Tenasserim and W. Malaysia; in the Peninsula Penang to Singapore in forest.

Strombosia rotundifolia, *King*. Kajang (Forest Dept.). A shrub, endemic, not common in forest, Taiping to Singapore.

Gomphandra affinis, *Mast*. Batu Caves; Dusun Tua; K. Lumpur; Rawang; Seminyih; Sungai Buloh. A shrub of Moulmein; in the Peninsula common in forest.

Gomphandra gracilis, *King*. Ulu Gombak (Hume 9693). A shrub or small tree, endemic, rare, Perak at Larut and Chanderiang.

Gomphandra lanceolata, *King*. Klang Gates; Petaling; Seminyih; Ulu Gombak. A shrub, endemic and common in forest, usually at some altitude.

Gomphandra Maingayi, *King*. Ulu Gombak (Hume). A shrub, endemic, not common in montane forest, Penang, Pahang.

Gomphandra pubescens, *Ridl*. Weld's Hill (Ridley). A shrub, endemic and local.

Stemonurus capitatus, *Becc*. Weld's Hill (Forest Dept.). A small tree, endemic, not very common in forest, Langkawi to Johore.

Stemonurus scorpioides, *Becc*. Sungai Buloh (Forest Dept.). A tree of Sumatra and Java; in the Peninsula Perak, Johore, Singapore.

Gonocaryum longe-racemosum, *King*. Batu Caves; Kajang; Kanching; Ulu Gombak. A shrub of Lower Siam; in the Peninsula Perak to Singapore in lowland forest.

Phytocrene palmata, *Wall*. K. Lumpur (Ridley). A long climbing shrub, endemic in forest, Penang, Taiping and Malacca.

Lophopyxis Maingayi, *Hook. fil*. Batu Tiga (Ridley). A climbing shrub, endemic, not common in forest, Taiping to Malacca.

ILICACEÆ.

Ilex macrophylla, *Wall*. Carcosa Domain; ? Weld's Hill. A tree of Mergui, Sumatra and Java; in the Peninsula not common in open places, Penang, Malacca and Singapore.

Ilex Maingayi, *Hook. fil*. K. Lumpur (Forest Dept.). A tree, endemic, not very common in forest, Penang to Singapore.

CELASTRACEÆ.

Microtropis filiformis, *King*. Sungai Buloh (Ridley). A shrub or small tree of Burma and Lower Siam; in the Peninsula not uncommon in forest in the north.

Euonymus javanicus, *Bl.* Batu Caves (Ridley). A shrub of Burma, Sumatra and Java; in the Peninsula common in forest from Langkawi to Negri Sembilan.

Glyptopetalum quadrangulare, *Prain.* Seminyih (Hume 8191). A shrub, endemic, not common, usually in montane forest, Perak, Pahang, Selangor.

Lophopetalum oblongifolium, *King.* K. Lumpur (Curtis 3771). A tall tree of Sumatra; in the Peninsula rare, Perak.

Kurrimia paniculata, *Wall.* Bukit Tunggal; K. Lumpur; Rawang; Sungai Buloh. A tree of Lower Siam, Sumatra and Borneo; in the Peninsula common in lowland forest.

Hippocratea nigricaulis, *Ridl.* Rawang (Ridley). A slender climber of Burma and Lower Siam; in the Peninsula Penang to Johore, usually in forest.

Salacia flavescens, *Kurz.* Batu Caves; Seminyih; Ulu Gombak. A scandent shrub or bush of Tenasserim and Siam; in the Peninsula common in open country and in forest.

Salacia grandiflora, *Kurz.* Ulu Gombak (Hume). A shrub of Tenasserim; in the Peninsula very common from Penang to Singapore, usually in open country.

RHAMNACEÆ.

Zizyphus calophylla, *Wall.* K. Lumpur (Ridley). A strong thorny climber of Bangka and Borneo; in the Peninsula common in forest.

Zizyphus oenoplia, *Mill.* Batu Caves; Rawang; A thorny bush of Tropical Africa and Australia; in the Peninsula common in open country.

Zizyphus sp. Top of the Batu Caves (Ridley, Kelsall).

Ventilago malaccensis, *Ridl.* Ulu Gombak (Forest Dept.). A climbing shrub of Lower Siam and Borneo; in the Peninsula common from Langkawi to Singapore in open places.

Ventilago oblongifolia, *Bl.* Batu Caves; Weld's Hill. A strong climber of Java and the Philippines; in the Peninsula in forest from Taiping to Singapore.

Gouania javanica, *Miq.* Batu Caves; K. Lumpur; Ulu Langat; Weld's Hill. A climbing shrub of Sumatra and Java; in the Peninsula Perlis and Kelantan to Malacca, in open places.

CULTIVATED RHAMNACEÆ.

Zizyphus jujuba, *Lam.* (The jujube). K. Lumpur (Agri. Dept.). A small tree of Indo-Malaya; sparingly cultivated in the Peninsula.

AMPELIDACEÆ.

Vitis cantoniensis, *Seem.* Batu Tiga; Petaling; Ulu Gombak. A slender vine of Indo-China and China; in the Peninsula not very common in open places, Taiping to Johore.

Vitis cinnamomea, *Wall.* Batang Berjuntai; Klang Gates; K. Lumpur; Seminyih; Sungai Buloh. A vine, endemic, common in lowland forest.

Vitis furcata, *Laws.* Batu Caves; Bukit Raja; Seminyih; Ulu Gombak. A vine of Sumatra; in the Peninsula Penang to Singapore in forest.

Vitis glaberrima, *Wall.* Batu Caves (Ridley). A vine of Tenasserim, Lower Siam, Sumatra and Bangka; in the Peninsula Penang to Singapore, in forest.

Vitis gracilis, *Wall.* Sungai Buloh (Ridley). A slender vine of Sumatra and Borneo; in the Peninsula common.

Vitis hastata, *Miq.* Batu Caves; Klang Gates; K. Lumpur. A vine of W. Malaysia; in the Peninsula common in open places from Langkawi to Singapore.

Vitis japonica, *Thunb.* Batang Berjuntai; Petaling; Rantau Panjang; Rawang. A slender vine of Java, China, Japan and Australia; in the Peninsula common in open places and secondary growth from Penang and Kelantan to Singapore.

Vitis lanceolaria, *Wall.* Batu Caves (Ridley). A vine of India, Lower Siam, Sumatra and Java; in the Peninsula common in forest and on riverbanks from Perlis to Negri Sembilan.

Vitis Lawsoni, *King.* K. Lumpur; Seminyih; Ulu Gombak. A liane of Burma; in the Peninsula Penang to Singapore in lowland forest.

Vitis macrostachya, *Miq.* Bukit Raja; Rawang; Seminyih; Ulu Gombak. A long climber of Sumatra; in the Peninsula common in open places.

Vitis mollissima, *Wall.* Bukit Raja; Klang Gates; K. Lumpur; Sungai Buloh; Ulu Gombak. A vine of Lower Siam; in the Peninsula common, usually in open places.

Vitis peduncularis, *Wall.* K. Lumpur; Ulu Gombak. A woody vine of Sumatra and Borneo; in the Peninsula Penang and Kelantan to Johore, usually in hill forest.

Vitis polystachya, *Wall.* K. Lumpur; Rantau Panjang. A vine of Siam and Sumatra; in the Peninsula not uncommon in forest, Penang to Johore.

Vitis pyrrhodasys, *Miq.* Seminyih (Hume). A slender vine of W. Malaysia; in the Peninsula common in open places.

Vitis repens, *Wight & Arnott.* Batu Caves; Ulu Gombak. A vine of S. E. Asia; in the Peninsula common in open places and hedges.

Vitis Scortechinii, *King*. Batu Caves (Curtis 3775). A slender vine, endemic, not common, Kelantan and Perak.

Vitis ? trifolia, *Linn.* Dusun Tua (Ridley).

Vitis Wrayi, *King*. Batu Caves; Dusun Tua; A slender vine of Lower Siam; in the Peninsula Penang to Johore, usually in hill forest.

Pterisanthes cissoides, *Bl.* Dusun Tua; Seminyih; Ulu Gombak. A climber of W. Malaysia; in the Peninsula Perak and the Dindings to N. Johore, in thin forest.

Pterisanthes coriacea, *Korth.* K. Lumpur; Petaling; Rawang; Sungai Buloh; Ulu Gombak. A slender climber of Lower Siam, Sumatra and Borneo; in the Peninsula common south of the Taiping Hills in forest.

Pterisanthes rufula, *Planch.* Batu Caves; Dusun Tua; Petaling; Seminyih; Sungai Buloh. A climber of Sumatra; in the Peninsula not common in open places, Perak, Malacca.

Leea angulata, *Korth.* Rawang (Goodenough). A thorny tree of Java; in the Peninsula common in open dry places from Upper Perak and Kelantan to Singapore.

Leea gigantea, *Griff.* Batu Caves; Dusun Tua; Klang Gates; K. Lumpur; Seminyih. A large bush, endemic and common in open country.

Leea sambucina, *Willd.* Damansara Hill; K. Lumpur. A big shrub of India to Sumatra; in the Peninsula common in open country.

Leea saxatilis, *Ridl.* Batu Caves (Curtis, Ridley). A herb, endemic, usually on limestone, Langkawi to Pulau Tioman.

Leea sundaica, *Miq.* Ulu Gombak (Hume). A small tree of Java, Borneo; Celebes and Papua; in the Peninsula rare in forest, Gunong Bubu (Perak).

CULTIVATED AMPELIDACEÆ.

Vitis discolor, *Dalz.* Cultivated, fide Foxworthy. A slender vine of Indo-Malaya and Indo-China; in the Peninsula cultivated and wild on limestone in the north.

SAPINDACEÆ.

Allophylus fulvinervis, *Bl.* Rantau Panjang (Kloss, fide Ridley). A small tree of Tenasserim to Java; in the Peninsula not common in forest, Perak, Pahang, Selangor, Malacca.

Allophylus glaber, *Wall.* Batu Caves; K. Lumpur. A small tree, endemic and common in forest from Langkawi to Johore.

Erioglossum edule, *Bl.* K. Lumpur (Forest Dept.). A tall tree of Indo-Australia; in the Peninsula Langkawi to Singapore, common in open country.

Aphania paucijuga, *Radlk.* Rawang. Weld's Hill. A tree, endemic, not uncommon in forest from Penang to Malacca.

Lepisanthes Scortechinii, *King.* Klang Gates (Hume). A tree of Lower Siam; in the Peninsula rare in forest, Langkawi, Kedah, Perak, Dindings (var.), Johore.

Otophora imbricata, *Bl.* Public Gardens, K. Lumpur (Forest Dept.). A small tree of Borneo; in the Peninsula rare, Pahang.

Otophora resecta, *Radlk.* Weld's Hill (Forest Dept.). A small tree of Lower Siam; in the Peninsula not common in forest, Penang and Pahang.

Xerospermum intermedium, *Radlk.* Bangi; Ulu Gombak; Weld's Hill. A tree of Burma; in the Peninsula common in forest from Penang to Singapore.

Nephelium eriopetalum, *Miq.* Batu Caves; K. Lumpur. A tall tree of Sumatra; in the Peninsula Penang to Singapore in lowland forest.

Nephelium glabrum, *Noronh.* K. Lumpur; Sungai Buloh. A tree of ? W. Malaysia; in the Peninsula Perak to Singapore in lowland forest.

Nephelium hamulatum, *Radlk.* K. Lumpur (Forest Dept.). A tree, ? endemic, not common in forest, Dindings and Malacca.

Nephelium pallens, *Radlk.* Batang Berjuntai (Hume 7526). A tree, endemic, not common, Perak and Malacca.

Nephelium ophioides, *Radlk.* Weld's Hill (Forest Dept.). A tall tree, endemic, Perak and Malacca.

Pometia alnifolia, *Radlk.* K. Lumpur; Sungai Buloh; Ulu Gombak. A tree, endemic, Penang to Singapore in forest.

Pometia pinnata, *Forst.* Dusun Tua; Klang Gates; Sungai Buloh; Weld's Hill. A tree of Malaya to Polynesia; in the Peninsula common on riverbanks from Penang and Upper Perak to Johore.

Napeodendron altissimum, *Ridl.* Ulu Gombak (Ridley). A tall tree, endemic and local.

Arytera littoralis, *Bl.* K. Lumpur. A tree of Indo-Malaya to the Philippines; in the Peninsula in tidal swamps and on riverbanks from Perak to Singapore.

Mischocarpus sumatranus, *Bl.* K. Lumpur; Sungai Buloh. A tree of Indo-Malaya and Indo-China; in the Peninsula not common in lowland forest, Penang, Kelantan, Perak and Singapore.

CULTIVATED SAPINDACEÆ.

Nephelium lappaceum, *Linn.* (The Rambutan). A tree of W. Malaysia, widely cultivated in the Peninsula and occurring as an escape.

Nephelium malaiense, *Griff.* Public Gardens, K. Lumpur (Forest Dept.). A tree, endemic and common in villages, etc.

Nephelium mutabile, *Bl.* (The Pulasan). Weld's Hill (Forest Dept.). A tree of W. Malaysia to the Philippines; in the Peninsula commonly cultivated.

STAPHYLEACEÆ.

Turpinia latifolia, *Wall.* K. Lumpur; Sungai Buloh. A tree, endemic, common in forest in the lowlands.

SABIACEÆ.

Meliosma elliptica, *Hook. fil.* K. Lumpur. A small tree of Sumatra and Java; in the Peninsula Taiping to Singapore in lowland forest.

Meliosma lancifolia, *Hook. fil.* Weld's Hill (Forest Dept.). A small tree, endemic, not common in forest, Penang and Perak.

Meliosma nitida, *Bl.* Klang Gates; Petaling; Ulu Gombak. A shrub or small tree of Sumatra and Java; in the Peninsula in forest from Penang to Johore.

ANACARDIACEÆ.

Buchanania sessilifolia, *Bl.* Bukit Cheraka; Klang Gates; K. Lumpur; Rawang; Sungai Buloh. A tree of Indo-Malaya; in the Peninsula common in forest.

Mangifera foetida, *Lour.* K. Lumpur (Forest Dept.). A tall tree of Siam and W. Malaysia; in the Peninsula common in cultivated ground in the south.

Gluta virosa, *Ridl.* Rantau Panjang (Ridley). A tall tree, endemic, Penang, Perak, Dindings, in forest.

Melanorrhoea aptera, *King.* Klang Gates (Forest Dept.). A tree, endemic, not very common in forest, Penang, Perak, Pahang.

Melanorrhoea Wallichii, *Hook. fil.* Public Gardens, K. Lumpur (Forest Dept.). A tree of Borneo; in the Peninsula not uncommon in forest in the south.

Swintonia Schwenkii, *Teys. & Binn.* Klang Gates; Ulu Gombak. A tree of Burma, Sumatra, Borneo (var.) and Indo-China; in the Peninsula not common in forest, Pahang, Negri Sembilan and Malacca.

Swintonia spicifera, *Hook. fil.* Ulu Gombak (Forest Dept.). A tree, endemic, not uncommon in forest as far south as Mt. Ophir.

Campnosperma auriculata, *Hook. fil.* Ampang (the species and var. *Wallichii*, *Ridl.*); Bangi (var. *Wallichii*); K. Lumpur (the species and var. *Wallichii*); Kajang (var. *Wallichii*); Rantau Panjang. A tall tree of Sumatra and Borneo; in the Peninsula common in forest from Penang to Singapore.

Microstemon velutina, *Engl.* Weld's Hill (Forest Dept.). A tall tree, endemic, Perak, Pahang, Negri Sembilan, Malacca, in forest.

Pentaspadon officinalis, *Holmes.* Kanching; Sungai Buloh; Weld's Hill. A tall tree, endemic, not common in forest, Perak, Negri Sembilan and Malacca.

Melanochyla angustifolia, *Hook. fil.* Weld's Hill (Forest Dept.). A tree, endemic, not common in forest, Penang, Taiping, Negri Sembilan, Malacca.

Melanochyla rugosa, *King.* Ayer Hitam Forest Reserve; Sungai Buloh; Ulu Gombak. A tall tree, endemic, rare in forest, Tapah (Perak), Temerloh (Pahang).

Melanochyla tomentosa, *Hook. fil.*, var. *glabrescens*, *Koorders.* Bukit Cheraka (Forest Dept.). A tree, the species of Java, the var. endemic and local.

? *Melanochyla torquata*, *King.* Sungai Buloh (Forest Dept.), leaf specimens only.

Semecarpus Curtisii, *King.* Sungai Buloh (Forest Dept.). A tree of Siam; in the Peninsula Setul to Negri Sembilan, usually in open places.

Semecarpus velutina, *King.* Klang Gates (Forest Dept.). A tree, endemic, rare in forest, Gunong Bubu (Perak) and Johore.

Dracontomelum mangiferum, *Bl.* Sungai Buloh; Weld's Hill. A tree of Indo-Malaya; in the Peninsula on riverbanks from Penang and Upper Perak to Singapore, probably planted in some localities.

CULTIVATED ANACARDIACEÆ.

Anacardium occidentale, *Linn.* (The Cashew-nut). A straggling tree of South America; in the Peninsula cultivated and run wild.

Bouea macrophylla, *Griff.* K. Lumpur; Serdang. A bushy tree of Java and Borneo; in the Peninsula common in villages.

Bouea microphylla, *Griff.* K. Lumpur (Agri. Dept.). A bushy tree of Malaysia; in the Peninsula cultivated and perhaps also wild.

Mangifera caesia, *Jack.* K. Lumpur (Agri. Dept.). A tall tree of W. Malaysia; common in the Peninsula in villages.

Mangifera indica, *Linn.* (The Mango). A tree of South India; in the Peninsula often cultivated.

Mangifera odorata, *Griff.* (Kwini). K. Lumpur (Agri. Dept.). A tall tree of W. Malaysia; in the Peninsula cultivated and wild.

CONNARACEÆ.

Connarus ellipticus, *King.* K. Lumpur (Curtis), and in the Public Gardens. A sarmentose shrub, endemic, Penang to Singapore, common in open places.

Connarus ferrugineus, *Jack.* Rantau Panjang (Ridl.). A shrub or climber of Lower Siam and Sumatra; in the Peninsula in open places from Penang to Singapore.

Connarus oligophyllus, *Wall.* Batu Caves (Ridley). A scandent shrub of Lower Siam; in the Peninsula Penang to Singapore in open places and edges of forest.

Connarus semidecandrus, *Jack.* K. Lumpur; Rawang. A sarmentose shrub of Siam; Tenasserim and Sumatra; in the Peninsula common in open country.

Ellipanthus Griffithii, *Hook. fil.* Kanching (Forest Dept.). A climber of Borneo; in the Peninsula Perak, Malacca, Singapore, in forest.

Rourea fulgens, *Planch.* K. Lumpur (Forest Dept.). A climbing shrub, endemic and rare, Singapore.

Rourea rugosa, *Planch.* Klang Gates (Ridley). A liane, endemic and common in forest.

Rourea similis, *Bl.* K. Lumpur; Seminyih. A liane of Sumatra and Borneo; in the Peninsula common in forest.

Roureopsis pubinervis, *Planch.* Dusun Tua; K. Lumpur; Sungai Buloh. A climbing shrub of Java; in the Peninsula Kedah to Malacca in forest.

Agelaea vestita, *Hook. fil.* K. Lumpur; Sungai Buloh. A big liane of W. Malaysia; in the Peninsula common in forest.

Cnestis ramiflora, *Griff.* K. Lumpur (Forest Dept.). A sarmentose shrub of Indo-Malaya; in the Peninsula common in open country.

LEGUMINOSÆ.

Abrus precatorius, *Linn.* K. Lumpur (Forest Dept.). A slender climber, cosmopolitan; in the Peninsula common in open dry places.

Abrus pulchellus, *Wall.* Batu Caves (Ridley). A slender climber of S. Africa and S. E. Asia; in the Peninsula Langkawi to Negri Sembilan and Pahang.

Crotolaria Saltiana, *Andr.* K. Lumpur; Ulu Gombak. A small shrub, pantropic; in the Peninsula common from Perlis to Singapore, usually in waste ground.

Flemingia strobilifera, *R. Br.* K. Lumpur (Ridley). A small shrub of S. E. Asia; in the Peninsula common in open dry places.

Vigna parviflora, *Ridl.*, non *Welw. Flor. Trop. Africa*, Vol. II, p. 201. Ulu Gombak (Hume). A slender twiner, endemic, Upper Perak to Negri Sembilan, in sandy places.

Clitoria cajanifolia, *Benth.* K. Lumpur; Seminyih. A shrub of South America, introduced into the Peninsula and now common by roadsides in the south.

Dioclea javanica, *Benth.* Batu Tiga; K. Lumpur. A liane of Burma, Ceylon and Java; in the Peninsula not common, Perak.

Pueraria phaseoloides, *Benth.* Batu Caves; Seminyih. A slender twiner of S. E. Asia; in the Peninsula common from Perlis to Negri Sembilan in secondary growth.

Mucuna acuminata, *Grah.* Batu Caves (Ridley). A slender climber of Java; in the Peninsula not very common in secondary growth, Penang, Perak and Singapore.

Tephrosia purpurea, *Pers.* Kajang (Ridley). A small shrub of S. E. Asia; in the Peninsula in waste ground, perhaps introduced.

Tephrosia subamoena, *Prain.* K. Lumpur (Hume). A herb of North India; in the Peninsula common in waste ground.

Millettia albiflora, *Prain.* Kanching; Klang Gates; K. Lumpur; Petaling. A tree, endemic, Penang to Malacca in forest.

Millettia Hemsleyana, *Prain.* Klang Gates (Ridley). A tree, endemic, Upper Perak to Negri Sembilan, in forest.

Millettia sericea, *Benth.* K. Lumpur; Serdang. A liane of W. Malaysia; in the Peninsula common from Penang to N. Johore in forest and secondary growth.

Adinobotrys atropurpureus, *Dunn.* Public Gardens, K. Lumpur (Forest Dept.). A tall tree of Burma, Tenasserim, Sumatra and Borneo; in the Peninsula common in forest and secondary growth.

Dalbergia stercoracea, *Maing.* K. Lumpur (Forest Dept.). A climbing shrub of Sumatra; in the Peninsula common in open places from Penang and Kelantan to Singapore.

Pongamia glabra, *Vent.* Kanching; Rawang. A tree of Trop. Asia and Australia; in the Peninsula common on seashores and sandy places.

Derris elegans, *Benth.* Ulu Gombak; Weld's Hill. A slender liane of Tenasserim to the Philippines; in the Peninsula Perak and Malacca, not very common in forest.

Derris thyrsiflora, *Benth.* K. Lumpur; Ulu Gombak. A bush of Tenasserim, Sumatra and Java; in the Peninsula common from Kedah to Singapore in open country.

Uraria crinita, *Desv.* Batu Caves; Rantau Panjang. A small shrub of the tropics of the Old World; in the Peninsula common in open places.

Uraria lagopoides, *DC.* Batu Caves (Ridley). A small shrub of Indo-Malaya, Indo-China and China; in the Peninsula common in open sandy places.

Alysicarpus vaginalis, *DC.* K. Lumpur (Hume). A herb of the tropics of the Old World; in the Peninsula in dry open places apparently not very common.

Desmodium capitatum, *DC.* Open country near Batu Caves (Ridley). A small creeping shrub of Tropical Asia; in the Peninsula in open country in the north.

Desmodium polycarpum, *DC.* Rantau Panjang (Hume). A small erect shrub of Africa, Asia and Polynesia; in the Peninsula common in open country and grassy places.

Desmodium triflorum, *DC.* Ulu Gombak (Hume). A small diffuse herb, cosmopolitan; common on roadsides and in grass over the whole Peninsula.

Desmodium trifoliatum, *Miq.* Ulu Gombak (Hume). A small creeping shrub of Java to New Guinea; in the Peninsula not common in forest, Upper Perak to Negri Sembilan.

Ormosia nitida, *Prain.* Weld's Hill (Forest Dept.). A tree, endemic and rare, Gopeng (Perak).

Ormosia sumatrana, *Prain.* Weld's Hill (Forest Dept.). A tall tree of Sumatra; in the Peninsula not common, Penang, Kuantan (Pahang), Malacca.

Cassia alata, *Linn.* Common round K. Lumpur. A large shrub, pantropic, of South American origin; in the Peninsula common in waste ground.

Cassia glauca, *Lam.* K. Lumpur; Serdang (cultivated). A shrub or small tree of S. E. Asia; in the Peninsula doubtfully wild.

Cassia hirsuta, *Linn.* Batu Caves; Ulu Gombak; Weld's Hill. An introduced South American weed, not very common in the Peninsula in waste ground.

Cassia nodosa, *Ham.* Klang Gates; K. Lumpur. A tree of Indo-Malaya and Indo-China; in the Peninsula common in forest from Penang and Upper Perak to Malacca.

Cassia obtusifolia, *Linn.* K. Lumpur; Pudu; Seminyih; Ulu Gombak. A herb of S. American origin, now naturalised in S. E. Asia; in the Peninsula common in waste ground.

Cassia occidentalis, *Linn.* Batang Berjuntai; Ulu Gombak. A small shrub, pantropic, of S. American origin; in the Peninsula common in waste ground.

Cassia timoriensis, *DC.*, var. *xanthocoma*, *Miq.* Batu Caves; Public Gardens, K. Lumpur. A small tree of Tenasserim to the Philippines; in the Peninsula common on or near limestone.

Cassia Tora, *Linn.* Rantau Panjang; Weld's Hill. A herb or small shrub, pantropic, native of S. America; in the Peninsula not common in waste ground.

Koompassia malaccensis, *Benth.* Kanching; Rantau Panjang; Sungai Buloh; Ulu Gombak. A lofty tree of Sumatra; in the Peninsula common in forest from Panang to Singapore.

Dialium indum, *Linn.* Sungai Buloh (Forest Dept.). A tree of Java; in the Peninsula on riverbanks from Penang to the Pahang River.

Dialium laurinum, *Baker.* Sungai Buloh (Forest Dept.). A tall tree, endemic, Pahang, Selangor, Malacca and Singapore, in forest.

Dialium Maingayi, *Baker.* Sungai Buloh (Forest Dept.). A tall tree, endemic, Penang to Singapore, in forest.

Dialium platysepalum, *Baker.* K. Lumpur (Forest Dept.). A tall tree, endemic and common in forest.

Dialium Wallichii, *Prain.* Rantau Panjang (Forest Dept.). A tree, endemic, Perak and Pahang to Singapore, in forest.

Bauhinia bidentata, *Jack.* Batu Caves; Rawang. A long climber of Sumatra; in the Peninsula Penang to Johore, common in forest.

Bauhinia calycina, *Ridl.* K. Lumpur; Petaling; Weld's Hill. A climbing shrub, ? endemic, not uncommon in the south in forest.

Bauhinia cornifolia, *Baker.* Petaling; Seminyih; Sungai Buloh. A liane, endemic, Penang and Kelantan to Negri Sembilan, in forest.

Bauhinia ferruginea, *Roxb.* Petaling (Ridley). A liane, endemic, Penang, Perak, Pahang, not common in forest.

Bauhinia flammifera, *Ridl.* Ampang; Bangi; K. Lumpur; Seminyih; Ulu Gombak; Weld's Hill. A big climber of Lower Siam; in the Peninsula common in forest from Penang and Upper Perak to Johore.

Bauhinia semibifida, *Roxb.* Sungai Buloh (Forest Dept.). A climbing shrub of Sumatra and Borneo; in the Peninsula not common in forest, Trengganu, Malacca, Singapore.

Bauhinia strychnoidea, *Prain.* Batu Caves (Kelsall). A climbing shrub, endemic, usually on limestone, Perak, Pahang and Negri Sembilan.

Cynometra inaequifolia, *A. Gray.* K. Lumpur (Forest Dept.). A tall tree of Lower Siam and the Philippines; in the Peninsula common in forest from Penang to Negri Sembilan.

Cynometra polyandra, *Roxb.* Weld's Hill (Forest Dept.). A tree of India; in the Peninsula not common in forest, Penang, Kelantan and Malacca.

Sindora coriacea, *Prain.* Bangi; Sungai Buloh. A tree, endemic, not very common in forest, Penang to Malacca.

Afzelia palembanica, *Baker.* Dusun Tua; K. Lumpur; Sungai Buloh; Ulu Gombak. A tall tree of Sumatra; in the Peninsula common in forest.

Afzelia ? retusa, *Kurz.* Ulu Gombak (Forest Dept.).

Saraca cauliflora, *Baker.* K. Lumpur; Sungai Buloh. A small tree, endemic, not common, Perak, Kelantan, Pahang, Dindings, Malacca.

Saraca declinata, *Miq.* Kajang; K. Lumpur; Rawang; Ulu Gombak. A small tree of Lower Siam and Java; in the Peninsula Upper Perak, Pahang, Taiping, Malacca, in forest.

Saraca ? Kunstleri, *Prain.* Public Gardens, K. Lumpur (Forest Dept.).

Saraca taipingensis, *Cantley.* Batu Caves; K. Lumpur; Ulu Gombak. A small tree, endemic, common in forest by streams from Taiping to Johore.

Saraca triandra, *Baker.* Bukit Lagong; Kanching; K. Lumpur; Seminyih; Sungai Buloh. A small tree or shrub of Lower Siam, Sumatra and Borneo; in the Peninsula common in forest from Kedah and Kelantan to Malacca.

Leucostegane latistipulata, *Prain.* K. Lumpur (Forest Dept.). A small tree, endemic and rare in forest, Dindings.

Crudia Curtisii, *Prain.* Kepong; K. Lumpur. A lofty tree, endemic, Penang to Malacca, in forest.

Mezoneuron sumatranum, *Wight & Arnott.* Weld's Hill (Forest Dept.). A prickly climbing shrub of Sumatra, Borneo and the Philippines; in the Peninsula Penang to Singapore, in open places.

Adenanthera bicolor, *Moon.* K. Lumpur; Sungai Buloh; Ulu Gombak. A tree of Ceylon; in the Peninsula Penang, Taiping, Malacca, Singapore, in forest.

Adenanthera pavonina, *Linn.* Sungai Buloh (Forest Dept.). A small tree of S. E. Asia; in the Peninsula often planted and doubtfully wild.

Entada Schefferi, *Ridl.* K. Lumpur (Forest Dept.). A large climbing shrub of Lower Siam and Java; in the Peninsula not uncommon on riverbanks.

Leucaena glauca, *Benth.* K. Lumpur (Forest Dept.). A pantropic shrub of South American origin; in the Peninsula in waste ground, introduced.

Mimosa pudica, *Linn.* (The sensitive plant). A pantropic undershrub of South American origin; in the Peninsula very common in waste ground.

Acacia pennata, *Wild.* Batu Caves; Seminyih. A long climbing shrub of Tropical Africa and Tropical Asia; in the Peninsula common in open country, especially in the North.

Pithecolobium angulatum, *Benth.* Rawang; Weld's Hill. A small tree of Indo-Malaya and the Philippines; in the Peninsula common in secondary growth.

Pithecolobium bulbalinum, *Benth.* Ulu Gombak; Weld's Hill. A small tree of Sumatra; in the Peninsula not common in forest, Penang, Malacca and Singapore.

Pithecolobium Clypearia, *Benth.* Batang Berjuntai; K. Lumpur; Sungai Buloh. A small tree of W. Malaysia and South China; in the Peninsula common in secondary growth and open places.

Pithecolobium confertum, *Benth.* Ampang; Kajang; Weld's Hill. A small tree of Sumatra; in the Peninsula not common in open country, Penang, Pahang, Malacca, Singapore.

Pithecolobium contortum, *Mart.* Klang Gates; K. Lumpur; Rantau Panjang; Ulu Gombak. A small tree, endemic, common in forest from Kedah to Singapore.

Pithecolobium ellipticum, *Hassk.* Sungai Buloh; Weld's Hill. A small tree of W. Malaysia to the Philippines; in the Peninsula common in secondary growth and open places, from Kedah to Singapore.

Pithecolobium Kunstleri, *Prairie.* Weld's Hill (Forest Dept.). A small tree of Borneo; in the Peninsula not common in forest, Perak, Pahang, Johore.

Pithecolobium lobatum, *Benth.* Klang Gates; Weld's Hill. A tree of Tenasserim to Borneo; in the Peninsula common in waste ground and secondary growth from Penang to Singapore.

Pithecolobium microcarpum, *Benth.* K. Lumpur (Forest Dept.). A small tree of Sumatra and Borneo; in the Peninsula common from Penang to Singapore, especially in open country.

CULTIVATED LEGUMINOSÆ.

Acacia auriculiformis, *Cunn.* Public Gardens, K. Lumpur. A small tree of Australia; in the Peninsula occasionally cultivated.

Albizzia Lebbek, *Benth.* Public Gardens, K. Lumpur (Forest Dept.). A tree, widely distributed in tropical and sub-tropical countries, and cultivated; in the Peninsula probably cultivated only.

Albizzia moluccana, *Miq.* K. Lumpur (and in other localities). A tall tree of Borneo and the Molucca; in the Peninsula cultivated.

Arachis hypogaea, *Linn.* (The Groundnut). K. Lumpur (Ridley). A native of tropical America, cultivated in Indo-Malaya and other warm countries.

Bauhinia monandra, *Kurz.* K. Lumpur, in the Public Gardens. A small tree of Burma; in the Peninsula occasionally cultivated.

Bauhinia variegata, *Linn.* K. Lumpur (Forest Dept.). A tree of India, Burma and China; in the Peninsula cultivated only.

Caesalpinia pulcherrima, *Sw.* Common in gardens. A large shrub of Trop. America, often cultivated in the Peninsula as it is in most tropical countries.

Cassia javanica, *Linn.* Planted in K. Lumpur. A spreading tree of W. Malaysia; in the Peninsula cultivated only.

Centrosema Plumierii, *Benth.* Cultivated as a cover crop. A twiner of S. American origin; in the Peninsula cultivated only.

Desmodium gyroides, *DC.* Serdang Experimental Plantation. A shrub of Trop. Asia to New Guinea; in the Peninsula not common, Penang and Perak.

Enterolobium Saman, *Prain.* The rain tree, planted as a shade tree, native of Guiana.

Erythrina indica, *Linn.* K. Lumpur, probably planted (Forest Dept.). A tree of India to Polynesia; in the Peninsula a seashore tree, and often planted inland.

Indigofera hirsuta, *Linn.* Serdang Experimental Plantation. A herb, pantropic on seashores, not very common in the Peninsula.

Mimosa invisa, *Mart.* (Giant Mimosa). Serdang Experimental Plantation. A shrub of Brazil, occasionally cultivated in the Peninsula.

Parkia Roxburghii, *G. Don.* Planted in K. Lumpur. A tall tree of Assam, cultivated in Indo-China and Malaya, not wild in the Peninsula.

Peltophorum ferrugineum, *Benth.* K. Lumpur (Forest Dept.). A spreading tree of Tenasserim to Australia and Indo-China; in the Peninsula common near the sea, often planted inland.

Phaseolus lunatus, *Linn.* (Haricot Bean). A native of America, often cultivated in the Peninsula.

Pithecolobium dulce, *Benth.* Pudu (Forest Dept.). A tree of America, occasionally cultivated in the Peninsula.

Poinciana regia, *Boj.* (Flame of the Forest). A tree of Madagascar; in the Peninsula cultivated as an ornamental and roadside tree.

Pterocarpus indicus, *Willd.* (Angsena). Cultivated as a roadside tree. A tall tree of Tenasserim to the Philippines; in the Peninsula often planted, and perhaps wild in Penang, Ulu Selangor and Malacca.

Tamarindus indica, *Linn.* (The Tamarind). Ampang (Forest Dept.). A tree, pantropic in cultivation, probably African in origin; in the Peninsula cultivated and escaping.

ROSACEÆ.

Coccomelia nitida, *Ridl.* K. Lumpur (Ridley). A small tree of Sumatra, Borneo and the Philippines; in the Peninsula common in open places from Setul to Singapore.

Pygeum Hookerianum, *King.* Klang Gates (var.); Sungai Buloh. A shrub or small tree, endemic and not uncommon in open places from Perak to Johore, the var. recorded also from Fraser Hill.

Pygeum lanceolatum, *Hook. fil.* K. Lumpur (var. *Maingayi*, *Ridl.*); Seminyih. A small tree, endemic, the species in Penang, Trengganu, Malacca, Johore, the var. in Penang, Upper Perak, Fraser Hill, Negri Sembilan and Malacca.

Pygeum parviflorum, *Teys. & Binn.* Bangi (Forest Dept.). A tree of Java and Borneo; in the Peninsula common in forest from Upper Perak to Singapore.

Pygeum polystachyum, *Hook. fil.* K. Lumpur; Ulu Gombak. A tree, endemic and common in forest.

Rubus angulosus, *Focke.* Ampang; Batu Tiga; K. Lumpur. A big shrub of Mergui; in the Peninsula common in open places and secondary growth from Penang and Kelantan to Singapore.

Rubus elongatus, *Smith.* Ulu Gombak (Hume, Burkill). A slender bramble of W. Malaysia; in the Peninsula rare, Taiping Hills.

Rubus rosaefolius, *Smith.* Ulu Gombak (Hume). A bramble of Africa, Indo-Australia, China and Japan; in the Peninsula common in clearings and secondary growth in the Main Range, usually at considerable altitudes, and in Penang and the Taiping Hills.

SAXIFRAGACEÆ.

Polyosma flavo-virens, *Ridl.* Sungai Buloh. A small tree, endemic, not very common in forest, Penang, Perak, and the Dindings.

Polyosma laete-virens, *Griff.* K. Lumpur; Sungai Buloh. A tree, endemic, Penang to Mt. Ophir.

HAMAMELIDACEÆ.

Rhodoleia Teysmanni, *Miq.* Klang Gates (all collectors). A shrub or small tree of Sumatra; in the Peninsula usually montane in open dry places, Kedah Peak to Mt. Ophir.

LEGNOTIDACEÆ.

Carallia euryoides, *Ridl.* Klang Gates, on quartzite rocks, (Ridley). A small tree, endemic and local.

Carallia integerrima, *DC.* K. Lumpur (Weld's Hill and the Public Gardens). A tree of Indo-Australia and China; in the Peninsula common in forest from Perlis to Singapore.

Carallia Scortechinii, *King.* Batu Caves; Petaling. A shrub or small tree, endemic, rare, Perak and Singapore.

Carallia suffruticosa, *Ridl.* *Carallia spinulosa*, *Ridl.* Dusun Tua; Seminyih; Weld's Hill. A shrub or small tree of Tonkin; in the Peninsula not common, Perak and Pahang.

Gynotroches axillaris, *Bl.* K. Lumpur; Rantau Panjang; Ulu Gombak. A small slender tree of W. Malaysia to the Philippines; in the Peninsula common in forest.

Pellacalyx axillaris, *Korth.* Public Gardens and Weld's Hill (Forest Dept.). A small tree of Sumatra and the Philippines; in the Peninsula common in open damp places from Penang to Singapore.

Pellacalyx Saccardianus, *Scort.* Batang Berjuntai; Kajang; K. Lumpur; Rawang; Seminyih; Ulu Gombak. A small tree of Borneo; in the Peninsula common in open places and secondary growth; from Penang to Singapore.

ANISOPHYLLAEACEÆ.

Anisophyllaea apetala, *Scort.* Klang Gates; Petaling. A small tree, endemic, Taiping to Malacca, in forest.

Anisophyllaea Griffithii, *Oliv.* K. Lumpur; Rantau Panjang; Ulu Gombak. A tree, endemic, Penang, Malacca and Singapore, in forest.

COMBRETACEÆ.

Terminalia belerica, *Roxb.* K. Lumpur (Forest Dept.). A tall tree of Indo-Malaya; in the Peninsula not common in forest, Perak.

Terminalia bialata, *Steud.* Weld's Hill (Forest Dept.). A tall tree of Burma and Tenasserim; in the Peninsula rare in open country, Perlis and Langkawi.

Terminalia citrina, *Roxb.* Weld's Hill (Forest Dept.). A tree or climber of India; in the Peninsula Penang, Perak, Pahang, Negri Sembilan, in forest.

Combretum chinense, *Roxb.* Ampang (Forest Dept.). A climbing shrub of India to Tenasserim and China; in the Peninsula not common in open places, Penang and Perak.

Combretum nigrescens, *King.* Batu Caves; Sungai Buloh. A large climbing shrub, endemic, Perak, Pahang and Negri Sembilan, in forest.

Combretum sundaicum, *Miq.* Batu Caves; K. Lumpur; Petaling; Sungai Buloh. A large climbing shrub of W. Malaysia to the Philippines; in the Peninsula common in open places from Penang to Singapore.

CULTIVATED COMBRETACEÆ.

Quisqualis indica, *Linn.* Ampang; Seminyih. A climbing shrub of the Tropics of the old World; in the Peninsula cultivated, and wild in Perlis and Pahang.

Terminalia Catappa, *Linn.* K. Lumpur, planted (Forest Dept.). A tree of India to Polynesia; in the Peninsula common on sea coasts, and often planted inland.

MYRTACEÆ.

Baeckia frutescens, *Linn.* Klang Gates (all collectors). A shrub or small tree of W. Malaysia, China and Japan; in the Peninsula common on dry open mountain tops.

Melaleuca leucadendron, *Linn.* K. Lumpur (Forest Dept.). A tree of Indo-Australia and Indo-China; in the Peninsula common in wet places and often planted.

Rhodamnia cinerea, *Jack.* K. Lumpur; Ulu Gombak. A small tree of Siam to Australia; in the Peninsula common in secondary growth.

Rhodomyrtus tomentosa, *Wight.* K. Lumpur, and doubtless in other localities. A shrub of Indo-Malaya to the Philippines, China and Japan; in the Peninsula common in dry open places.

Decaspermum paniculatum, *Kurz.* K. Lumpur; Sungai Buloh. A small tree of Indo-Malaya; in the Peninsula common in secondary growth from Langkawi to Singapore.

Eugenia acuminatissima, *Kurz.* Sungai Buloh (Forest Dept.). A tall tree of Burma and Sumatra; in the Peninsula common in forest from Penang to Singapore.

Eugenia bracteolata, *Wight.* K. Lumpur (Forest Dept.). A small tree of Burma; in the Peninsula common in forest and secondary growth.

Eugenia caudata, *King*. Sungai Buloh (Forest Dept.). A small tree, endemic, usually montane or sub-montane in forest, Penang, Taiping, Selangor, Mt. Ophir, Johore.

Eugenia chlorantha, *Duthie*. Sungai Buloh; ? Ulu Gombak (Hume 8940); Weld's Hill. A tree of Sumatra and Borneo; in the Peninsula common, especially in the South.

Eugenia cymosa, *Lam.* K. Lumpur; Sungai Buloh. A small tree of Indo-Malaya; in the Peninsula common in open country from Langkawi to Singapore.

Eugenia Dyeriana, *King*. Sungai Buloh; Weld's Hill. A tree, endemic, not common in forest, Perak and the Dindings.

Eugenia filiformis, *Wall.* Kanching; K. Lumpur; Rantau Panjang; Sungai Buloh. A small tree, endemic and common in forest and secondary growth from Penang to Singapore.

Eugenia grandis, *Wight*. Public Gardens, K. Lumpur (Forest Dept.). A tall tree of Burma and Siam; in the Peninsula common on seashores, and often planted as a roadside tree.

Eugenia Griffithii, *Duthie*. K. Lumpur (Forest Dept.). A tree, endemic, Perak to Singapore, in forest.

Eugenia Hemsleyana, *King*. Kanching (Forest Dept.). A small tree, endemic, not common in forest, ? Penang, Perak and Selangor.

Eugenia Klossii, *Ridl.* Rantau Panjang (Kloss, fide Ridley). A tree, endemic and local.

Eugenia lepidocarpa, *Wall.* K. Lumpur (Forest Dept.). A tree of Burma; in the Peninsula common in secondary growth from Perak to Singapore.

Eugenia lineata, *Duthie*. Kajang; Rantau Panjang; Weld's Hill. A tree of W. Malaysia; in the Peninsula very common in open country.

Eugenia microcalyx, *Duthie*. K. Lumpur (Forest Dept.). A tree, endemic and common in forest from Penang to Singapore.

Eugenia oblata, *Roxb.* K. Lumpur (Forest Dept.). A tree of Assam to Borneo; in the Peninsula common in forest.

Eugenia papillosa, *Duthie*. K. Lumpur; Sungai Buloh. A tall tree, endemic, Perak, Malacca and Singapore, in swampy forest.

Eugenia penangiana, *Duthie*. Klang Gates (Brooks). A slender tree, endemic, Penang, Taiping, Malacca, in forest.

Eugenia pendens, *Duthie*. Sungai Buloh (Forest Dept.). A small tree, endemic and common in forest in the South,

Eugenia pergamentacea, *King*. Weld's Hill (Forest Dept.). A small tree, endemic, not common, Penang, Gunong Tahan.

Eugenia polyantha, *Wight*. Rantau Panjang; Weld's Hill. A tree of Indo-Malaya; in the Peninsula common in forest from Kedah to Singapore.

Eugenia pseudo-formosa, *King*. Klang Gates; Ulu Gombak; Weld's Hill. A shrub or small tree of Sumatra; in the Peninsula Langkawi to Singapore in forest apparently more common in the North.

Eugenia pseudo-subtilis, *King*. Weld's Hill (Forest Dept.). A small tree of Lower Siam; in the Peninsula Perlis to Singapore, perhaps planted in some of the localities.

Eugenia pseudo-tetraptera, *King*. Sungai Buloh (Forest Dept.). A small shrub of the Carimon Islands; in the Peninsula not rare in forest but seldom flowering (Ridley).

Eugenia punctulata, *King*. K. Lumpur (Forest Dept.). A tree of Borneo; in the Peninsula Taiping to Singapore, not uncommon.

Eugenia pyrifolia, *Duthie*. Batu Tiga; Sungai Buloh; Weld's Hill. A tree of Lower Siam; in the Peninsula common in open places in the South.

Eugenia Ridleyi, *King*. Sungai Buloh (Forest Dept.). A tall tree, endemic, not uncommon in forest, Penang, Pahang, Negri Sembilan and Singapore.

Eugenia Scortechinii, *King*. Seminyih; Weld's Hill. A small tree of Lower Siam; in the Peninsula Kedah to Singapore, in swampy forest.

Eugenia simulans, *King*. Rantau Panjang; Rawang; Sungai Buloh. A tree, endemic, Penang to Singapore.

Eugenia subdecussata, *Duthie*. Ulu Gombak; Weld's Hill. A bush or tree, endemic, common from Kedah to Singapore in open places and secondary growth.

Eugenia urceolata, *King*. Rawang; Ulu Gombak. A tree of Sumatra and Borneo; in the Peninsula common in open forest from Perak to Singapore.

Eugenia valdevenosa, *Duthie*. Weld's Hill (Forest Dept.). A tree, endemic, Penang to Johore, usually in forest in the mountains.

Eugenia variolosa, *King*. K. Lumpur; Sungai Buloh. A small tree, endemic, common from Taiping to Singapore in lowland forest.

Eugenia venulosa, *Wall*. K. Lumpur (Forest Dept.). A small tree of the Karimon Islands; in the Peninsula common in the open country in the South.

Eugenia zeylanica, *Wight*. Sungai Buloh; Ulu Gombak. A bushy tree of India, Lower Siam, Java and Borneo; in the Peninsula common in open country from Penang to Singapore.

Pseudo-eugenia singaporensis, *King*. Rantau Panjang; Sungai Buloh. A small tree, endemic and common in the South.

Barringtonia fusiformis, *King*. Batu Caves (Ridley). A small tree, endemic, Langkawi and Kelantan to Malacca, in bamboo forest.

Barringtonia macrostachya, *King*. Ulu Gombak; Weld's Hill. A shrub or small tree of Burma and Borneo; in the Peninsula Langkawi, Kedah, Taiping, Malacca, Negri Sembilan, Johore (Pulau Tinggi), Singapore, in forest.

Barringtonia ? pauciflora, *King*. Weld's Hill (Forest Dept.). A small tree, endemic and rare, hitherto only known from the Taiping Hills. The Weld's Hill specimen is in fruit only, and as fruit of *B. pauciflora* has not been described, its identity is doubtful.

Barringtonia racemosa, *Roxb.* K. Lumpur (Forest Dept.). A shrub or small tree of Indo-Malaya to Polynesia; in the Peninsula common near the sea and in open places.

Barringtonia Scortechinii, *King*. Sungai Buloh; Weld's Hill. A tree, endemic, Penang to Malacca, in forest.

Barringtonia sumatrana, *Miq.* Klang Gates (Forest Dept.). A large shrub of Sumatra, Borneo and Celebes; in the Peninsula Penang to Singapore usually near the sea.

CULTIVATED MYRTACEÆ.

Bertholletia excelsa, *H. & B.* (Brazil nut). Serdang and the Public Gardens, K. Lumpur. A tree of Brazil; in the Peninsula very occasionally cultivated.

Eugenia aquea, *Burm.* (Jambu Ayer). K. Lumpur (Agric. Dept.). A small tree, probably native of India, cultivated only in the Peninsula.

Eugenia caryophyllata, *Thunb.* (Cloves). Serdang Experimental Plantation. A tree of the Moluccas; in the Peninsula occasionally cultivated.

Eugenia malaccensis, *Linn.* (Jambu). K. Lumpur (Agric. Dept.). A tree of unknown origin, not known in a wild state.

Eugenia quadrangularis, *Duch.* Circular Rd. Plantation. (Forest Dept.). A native of S. America, cultivated in the Peninsula.

Eugenia uniflora, *Berg.* K. Lumpur (Agric. Dept.). A small tree of Brazil, now widely cultivated in the East.

Eugenia xanthocarpa, *Thw.* K. Lumpur (Forest Dept.). A tree of Ceylon; in the Peninsula occasionally cultivated.

Psidium guava, *Linn.* (The Guava). A small tree, pantropic, native of Trop. America; in the Peninsula commonly cultivated.

MELASTOMATACEÆ.

Melastoma imbricatum, *Wall.* Ulu Gombak (Ridley, Hume). A large shrub of Assam, Indo-China and Sumatra; in the Peninsula Penang, Taiping, the Dindings, and on the Main Range, in forest.

Melastoma malabathricum, *Linn.* Rantau Panjang; Ulu Gombak. A shrub of Indo-Australia and the Mascarene Islands; in the Peninsula common in open places in the North, K. Lumpur being its most southerly range.

Melastoma polyanthum, *Bl.* Klang Gates; K. Lumpur; Pudu (flowers white); Seminyih. A shrub of W. Malaysia to the Philippines; in the Peninsula very common in open places in the south.

Allomorpha exigua, *Bl.* Klang Gates; Rantau Panjang; Seminyih. A small shrub of Sumatra; in the Peninsula not very common in forest, Penang Hill.

var. **capillaris**, *Ridl.* Klang Gates; Ulu Gombak. Endemic, Upper Perak, Taiping, the Dindings and North Johore.

Allomorpha malaccensis, *Ridl.* Batu Caves; K. Lumpur; Rantau Panjang; Rawang; Sungai Buloh; Ulu Gombak. A shrub of Sumatra; in the Peninsula common in forest.

Blastus pulverulentus, *Ridl.* Ulu Langat (Kloss, fide Ridley). A shrub, endemic and local.

Ochthocharis decumbens, *King.* Sungai Buloh (Ridley). A slender shrub, endemic, not common in damp forest, Perak, Johore.

Anerincleistus pauciflora, *Ridl.* Klang Gates; Ulu Gombak. A shrub, endemic and rare in forest, Ginting Bidai (Selangor).

Phaulanthus Curtisii, *Ridl.* Seminyih (Hume). A small shrub, endemic, not common in forest, Penang, Upper Perak, Taiping, not hitherto recorded from further south than Sungei Siput.

Phaulanthus rudis, *Ridl.* Seminyih (Hume). A shrub, endemic, not common in forest, known also from Ginting Bidai and Ginting Peras on the Selangor-Pahang boundary.

Sonerila bicolor, *Stapf.* Sungai Buloh; Ulu Gombak. A herb, endemic, Perak and North Johore, in forest.

Sonerila heterostemon, *Naud.* Batang Berjuntai; Kanching; Klang Gates; K. Lumpur; Seminyih; Sungai Buloh; Ulu Gombak. A small herb of Sumatra and Borneo; in the Peninsula very common in open places in forest from Taiping to Singapore and in Trengganu and Pahang.

Sonerila integrifolia, *Stapf & King.* Batu Caves; Dusun Tua; Kanching; Klang Gates; Rawang; Seminyih; Sungai Buloh; Ulu Gombak. A herb, endemic, Taiping Hills and the Main Range in forest.

Sonerila nidularia, *Stapf.* Seminyih (Hume). A herb, endemic, usually in montane forest, Perak and Pahang.

Sonerila prostrata, *Ridl.* On the roadside at Klang Gates (Ridley, Burkill). A small slender creeping herb, endemic and known only from this locality.

Phyllagathis Griffithii, *King.* Batang Berjuntai; K. Lumpur; Kuang. A herb, endemic, common from Taiping to Johore in forest.

Phyllagathis hispida, *King.* Kanching on limestone (Ridley). A herb, endemic and common, but usually montane.

Phyllagathis rotundifolia, *Bl.* Batu Caves; Dusun Tua; Klang Gates; K. Lumpur; Petaling; Rantau Panjang; Sungai Buloh; Ulu Gombak. A herb of Sumatra; in the Peninsula common in forest from Kedah to Johore.

Marumia nemorosa, *Bl.* Batang Berjuntai; Dusun Tua (var. *verrucosa*); Klang Gates; Seminyih; Ulu Gombak. A slender climbing shrub of Tenasserim, Sumatra and Borneo; in the Peninsula common on the edges of woods from Kedah and Trengganu to Johore.

Dissochaeta anomala, *King.* Seminyih (Hume 8152). A slender climber, endemic, not common in forest, Kelantan, Perak.

Dissochaeta celebica, *Bl.* Batang Berjuntai; Klang Gates; K. Lumpur; Petaling. A slender climbing shrub of Borneo, Celebes and the Philippines; in the Peninsula common from Penang and Trengganu to Singapore, on forest edges.

Dissochaeta gracilis, *Bl.* Ampang; Batu Caves; Kanching; Klang Gates; K. Lumpur; Rawang; Seminyih; Ulu Gombak. A slender climbing shrub of W. Malaysia; in the Peninsula common from Upper Perak and Kelantan to Singapore, on forest edges.

Dissochaeta hirsuta, *Hook. fil.* Ulu Gombak (Hume 9131, 9287). A climbing shrub of Borneo; in the Peninsula rare in open places, Johore.

Dissochaeta intermedia, *Bl.* Rawang; Sepang. A slender climbing shrub of Java; in the Peninsula Penang to Singapore, on forest edges.

Dissochaeta pallida, *Bl.* Batang Berjuntai; Batu Caves; Bukit Raja; Klang Gates; K. Lumpur. A climbing shrub of W. Malaysia; in the Peninsula common in forest more especially in the North.

Dissochaeta ? punctulata, *Hook. fil.* Rantau Panjang (Hume).

Anplectrum divaricatum, *Triana.* Batang Berjuntai; Dusun Tua; Klang Gates; K. Lumpur; Petaling; Rantau Panjang; Ulu Gombak. A climber of W. Malaysia; in the Peninsula Penang to Malacca, on forest edges.

Anplectrum lepidio-setosum, *King.* K. Lumpur; Seminyih; Ulu Gombak. A slender twining shrub of Borneo; in the Peninsula Penang to Singapore, not common in forest.

Anplectrum pallens, *Bl. var petiolare*, *Ridl.* Rantau Panjang; Ulu Gombak. A slender climber of Sumatra and Borneo; in the Peninsula the var. common in forest, the species recorded from Penang only.

Medinilla crassinervia, *Bl.* Ulu Gombak (Forest Dept.). An epiphytic shrub of Borneo to New Guinea; in the Peninsula in forest from Penang to Singapore.

Medinilla Hasseltii, *Bl.* Klang Gates; K. Lumpur; Petaling; Seminyih. An epiphytic shrub of W. Malaysia; in the Peninsula common in forest from Upper Perak to Singapore.

Pogonantha pulverulenta, *Bl.* Klang Gates; Ulu Gombak. A small shrub of W. Malaysia; in the Peninsula common on rocks and trees.

Pternandra coerulescens, *Jack.* Kajang; K. Lumpur; Rawang; Sungai Buloh; Ulu Gombak. A small tree of W. Malaysia except Java; in the Peninsula common in the lowlands on the West.

Pternandra echinata, *Jack.* Ampang; Klang Gates; K. Lumpur; Rantau Panjang; Sungai Buloh; Ulu Gombak. A bushy tree of W. Malaysia; in the Peninsula very common, especially in secondary growth.

Pternandra galeata, *Ridl.* Batu Tiga (Ridley). A small tree of Borneo; in the Peninsula not common in forest, Perak and Johore.

Pternandra Jackiana, *Ridl.* Ulu Gombak (Hume). A small tree, endemic, not common, Penang, Malacca, Singapore.

Memecylon acuminatum, *Sm.* Ulu Gombak (Hume). A tree, endemic, common in forest from Penang to Singapore.

Memecylon campanulatum, *Clarke.* Rawang (Kloss, fide Ridley). A tree, endemic and rare in forest, Ginting Bidai (Selangor), and Malacca.

Memecylon cinereum, *King*. ? Sungai Buloh; Weld's Hill. A shrub, endemic, not common in forest, Perak.

Memecylon dichotomum, *Clarke*. Dusun Tua; Klang Gates (var. *eugeniiflorum*, *Ridl.*); Seminyih; Sungai Buloh (var. *eugeniiflorum*); Ulu Gombak. A shrub, endemic, Kedah to Malacca in forest, the var. in Upper Perak and on Fraser Hill.

Memecylon edule, *Bl.* Weld's Hill (Forest Dept.). A shrub or small tree of Indo-Malaya; in the Peninsula common in open places, often near the sea.

Memecylon garcinoides, *Bl.* Rawang (Ridley). A small tree of W. Malaysia; in the Peninsula common in forest from Pulau Adang to Singapore.

Memecylon heteropleurum, *Bl.* K. Lumpur; Seminyih; Ulu Gombak. A shrub or small tree of Sumatra and Borneo; in the Peninsula common in forest from Perak and Pahang to Singapore.

Memecylon lævigatum, *Bl.* Weld's Hill (Forest Dept.). A shrub or small tree of Burma to Borneo; in the Peninsula Taiping to Singapore, in forest.

Memecylon myrsinioides, *Bl.* K. Lumpur (Ridley, Forest Dept.). A shrub or small tree of W. Malaysia; in the Peninsula common from Langkawi to Singapore, in secondary growth and near the sea.

Memecylon oleaefolium, *Bl.* Sungai Buloh (Forest Dept.). A small tree of Lower Siam, Sumatra and Bangka; in the Peninsula not common in forest, Penang, Perak, Singapore.

Memecylon oligoneuron, *Bl.* Sungai Buloh; Ulu Gombak. A small tree of Java, Borneo and the Philippines; in the Peninsula not very common in forest, Penang, Perak, Pahang (Pulau Tioman), Malacca.

Memecylon pubescens, *King*. Sungai Buloh (Forest Dept. 8295). A small tree, endemic, apparently not common in forest, Perak, Malacca, Singapore.

LYTHRACEÆ.

Crypteronia Griffithii, *Clarke*. Sungai Buloh; Weld's Hill. A tree, endemic, Penang, Perak, Pahang, Malacca, in forest.

CULTIVATED LYTHRACEÆ.

Lagerstroemia flos-reginæ, *Retz.* (Pride of India). Common in gardens. A small tree of India and Java; in the Peninsula often cultivated, and wild on riverbanks in Kedah, Kelantan, Pahang and Negri Sembilan.

Lawsonia alba, *Lamk.* (Henna). Circular Rd. Plantation and Pudu (Forest Dept.). A small tree of Persia, cultivated in many tropical countries.

ONAGRACEÆ.

Jussiaea erecta, *Linn.* Ampang (Hume). A herb of Indo-Australia and China; in the Peninsula common in wet places.

Jussiaea repens, *Linn.* Ampang (Hume). An aquatic herb, pantropic; in the Peninsula common in ditches.

Jussiaea suffruticosa, *Linn.* Ampang; K. Lumpur; Pudu; Rantau Panjang; Seminyih; Serdang; Ulu Gombak. A herb, pantropic; in the Peninsula common in wet places.

Ludwigia prostrata, *Roxb.* Batu Tiga (Goodenough). A herb of Indo-Malaya and Japan; in the Peninsula common in ditches.

SAMYDACEÆ.

Casearia Clarkei, *King.* Weld's Hill (Forest Dept.). A small tree, endemic, not common in forest, Penang to Singapore.

Casearia esculenta, *Roxb.* Ulu Gombak; Weld's Hill. A shrub or small tree of India; in the Peninsula apparently common.

Osmelia Maingayi, *King.* Batu Caves; Klang Gates. A tree, endemic and common in forest from Upper Perak to Singapore.

Homalium frutescens, *King.* Klang Gates; K. Lumpur; Rantau Panjang. A small tree of W. Malaysia; in the Peninsula Langkawi, Perak, Pahang, Johore, in wet forest.

Homalium grandiflorum, *Benth.* Ulu Gombak; Weld's Hill. A tree of Tenasserim and Sumatra; in the Peninsula Perak and the Dindings to Singapore, in forest.

Homalium logifolium, *Benth.* Batu Caves; K. Lumpur; Sungai Buloh; Ulu Gombak. A tree, endemic, Penang and Tomoh to N. Johore, in forest.

TURNERACEÆ, CULTIVATED.

Turnera ulmifolia, *Linn.* Cultivated, fide Foxworthy. A herb of South American origin, cultivated and run wild in the Peninsula.

PASSIFLORACEÆ.

Passiflora foetida, *Linn.* Common in and around K. Lumpur. A climbing herb, pantropic, of S. American origin; in the Peninsula common in open country and waste ground.

Adenia acuminata, *King*. Batang Berjuntai; Bukit Raja; Petaling; K. Lumpur. A slender climber of Sumatra and Java; in the Peninsula common on forest edges.

Adenia nicobarica, *King*. K. Lumpur (Ridley). A slender climber of the Andaman and Nicobar Islands, and Lower Siam; in the Peninsula Setul to Johore, in secondary growth.

Adenia populifolia, *Engl*. K. Lumpur; Petaling; Seminyih; Sungai Buloh; Ulu Gombak. A slender climber of Borneo and Timor; in the Peninsula common on forest edges from Taiping to Singapore.

Paropsia vareciformis, *Mast*. Ulu Gombak; Weld's Hill. A shrub or small tree, endemic, not common in forest, Perak and Malacca.

CULTIVATED PASSIFLORACEÆ.

Carica Papaya, *Linn*. (The Papaya). A native of S. America, cultivated in the Peninsula as it is in all tropical countries.

Passiflora quadrangularis, *Linn*. (The Granadilla). Cultivated, fide Foxworthy. A native of Trop. America, cultivated in all tropics.

CUCURBITACEÆ.

Trichosanthes celebica, *Cogn*. Circular Rd. Plantation (Forest Dept.). A climber of Celebes; in the Peninsula Taiping to Singapore.

Trichosanthes Wallichiana, *Wight*. Rantau Panjang (Kloss, fide Ridley). A climber of India; in the Peninsula common in forest from Penang to Singapore.

Hodgsonia capniocarpa, *Ridl*. Batu Caves; Batu Tiga. A climbing herb of India, Burma, Sumatra and Borneo; in the Peninsula Penang to Malacca, in open places.

Gymnopetalum quinquelobum, *Miq*. Ulu Gombak (Hume). A creeping herb of Indo-Malaya; in the Peninsula not common, Penang and Kelantan to Singapore.

Momordica charantia, *Linn*. Seminyih; Ulu Gombak (doubtless escapes from cultivation). A climber, pantropic; cultivated in the Peninsula.

Momordica cochinchinensis, *Spreng*. Batu Caves (Ridley). A climber of Indo-Malaya to New Guinea, and China; in the Peninsula on riverbanks in the North.

Melothria affinis, *King*. Batu Caves (Ridley). A climbing herb of Borneo; in the Peninsula Perak and Kelantan to Johore.

Melothria marginata, *Cogn*. Batu Caves (Ridley). A climbing herb of Sumatra and Java; in the Peninsula Langkawi to Malacca in waste ground.

Zanonia Clarkei, *King*. Batu Caves (Ridley). A climber, endemic and rare, Kinta (Perak).

CULTIVATED CUCURBITACEÆ.

Benincasa cerifera, *Savi*. (The Wax Gourd). Cultivated, fide Foxworthy. A large climbing herb of Africa, Indo-Australia, China and Japan, known only in cultivation.

Citrulus vulgaris, *Linn*. (The Water Melon). Cultivated, fide Foxworthy. A climbing herb, pantropic in cultivation.

Cucumis sativus, *Linn*. (The Cucumber). A climbing herb, cultivated in all tropics and in temperate regions.

Cucurbita maxima, *Duch*. (The Gourd). An annual climbing herb, cultivated in all tropics and in temperate regions.

Cucurbita Pepo, *DC*. (The Pumpkin). Cultivated, fide Foxworthy. A large climbing herb, cultivated in the tropics and in temperate countries.

Luffa ægyptica, *Mill*. (The Loofa). Cultivated, fide Foxworthy. Cultivated in all tropics, origin uncertain.

Lagenaria vulgaris, *Ser*. (The Bottle Gourd). Cultivated, fide Foxworthy. A large climbing herb, cultivated in all tropics.

BEGONIACEÆ.

Begonia clivalis, *Ridl*. Klang Gates (all collectors). A small herb, endemic and rare on sandy banks, Semangkok Pass.

Begonia Hasskarlii, *Zoll. & Mor*. Batu Caves (Ridley). A herb of Java; in the Peninsula not very common on limestone in Perak and Pahang.

Begonia isoptera, *Dry*. Klang Gates; Ulu Gombak. A herb of Sumatra and Java; in the Peninsula common in damp places in forest.

Begonia phoeniogramma, *Ridl*. Batu Caves (Ridley). A small herb, endemic and rare, on limestone, Langkawi.

Begonia rhoephila, *Ridl*. Ulu Gombak (Ridley). A creeping herb, endemic and local.

Begonia sinuata, *Wall*. Seminyih (Hume). A tuberous herb of Lower Siam; in the Peninsula not uncommon in forest in the North.

Begonia taipingensis, *King*. Kanching (Ridley). A creeping herb, endemic, Taiping Hills, Semangkok, in forest.

CACTACEÆ, CULTIVATED.

Opuntia monacantha, *Haw.* K. Lumpur, cultivated. A succulent shrub of S. E. Brazil, now established in the Peninsula in sandy places near the sea.

FICOIDEÆ.

Mollugo pentaphylla, *Linn.* K. Lumpur; Seminyih. A herb of Indo-Malaya, China and Polynesia; in the Peninsula common in waste ground.

UMBELLIFERÆ.

Hydrocotyle asiatica, *Linn.* K. Lumpur; Ulu Gombak. A creeping herb of the tropics and subtropics of the Old World; in the Peninsula common in grass.

Hydrocotyle javanica, *Thunb.* Ulu Gombak (Hume). A creeping herb of Indo-Australia, China and Japan; in the Peninsula usually montane in forest, Upper Perak to Selangor.

Eryngium foetidum, *Linn.* K. Lumpur; Ulu Gombak. A spiny herb of South American origin; in the Peninsula common in waste ground.

ARALIACEÆ.

Aralia ferox, *Miq.* Ulu Gombak (Hume). A scandent shrub of Java and Borneo; in the Peninsula usually in montane forest, Perak, Pahang, Semangkok Pass.

Aralia Thomsoni, *Seem.* Ulu Gombak (Hume). A prickly shrub of India; in the Peninsula not uncommon, usually in montane forest, Penang to Negri Sembilan.

Schefflera heterophylla, *Harms.* Weld's Hill (Forest Dept.). A shrub or small tree of Sumatra and Java; in the Peninsula Penang and Upper Perak to Malacca, in forest.

Schefflera subulata, *Viguiet.* Batu Caves; Kajang; Klang Gates; Ulu Gombak; Weld's Hill. An epiphytic shrub of W. Malaysia; in the Peninsula common from Penang to Singapore.

Schefflera tomentosa, *Viguiet.* Batu Tiga; K. Lumpur; Ulu Gombak. A shrub of Sumatra and Java; in the Peninsula Taiping to Johore, not common in forest.

Schefflera venulosa, *Harms.* K. Lumpur (Forest Dept.). An epiphytic shrub of Indo-Australia; in the Peninsula Langkawi to Singapore.

Trevesia cheirantha, *Ridl.* Ulu Gombak; Weld's Hill. A small prickly tree of Burma and Sumatra; in the Peninsula common in forest from Kedah and Kelantan to Singapore.

Arthrophyllum congestum, *Ridl.* Klang Gates (Ridley). A small tree, endemic and rare, Dindings,

Arthrophyllum ovalifolium, *Miq.* K. Lumpur (Forest Dept.). A small tree of the Andamans and Sumatra; in the Peninsula common in open places and secondary growth.

Brassiopsis elegans, *Ridl.* Ulu Langat (Kloss, fide Ridley). A shrub, endemic and local.

CORNACEÆ.

Alangium ebenaceum, *Griff.* Rantau Panjang; Sungai Buloh; Weld's Hill. A small tree, endemic, Penang to Johore, in forest.

Alangium nobile, *Harms.* Sungai Buloh (Forest Dept.). A tall tree, endemic, Penang to Singapore, in forest.

Alangium uniloculare, *King.* Sungai Buloh; Weld's Hill. A tree, endemic, common in forest from Perak to Singapore.

Aralidium pinnatifidum, *Miq.* Klang Gates; K. Lumpur; Rawang; Seminyih; Sungai Buloh; Ulu Gombak. A small tree of Sumatra and Borneo; in the Peninsula common in forest.

RUBIACEÆ.

Mitragyne speciosa, *Korth.* Klang Gates; Petaling. A tree of W. Malaysia to New Guinea; in the Peninsula not common in open places, Penang, Perak, Pahang.

Nauclea Junghuhnii, *Merr.* K. Lumpur; Seminyih. A bushy tree of Indo-China and W. Malaysia to the Philippines; in the Peninsula Penang to Singapore in lowland forest.

Nauclea Maingayi, *Hook. fil.* Bukit Raja; Kepong; K. Lumpur. A tall tree of Borneo; in the Peninsula Penang to Negri Sembilan, usually in open swampy places.

Nauclea subdita, *Merr.* Klang Gates; K. Lumpur; Seminyih; Ulu Gombak. A small tree of Sumatra to New Guinea; in the Peninsula common in forest and on riverbanks.

Neonauclea purpurascens, *Ridl.* Klang Gates; Rawang; Seminyih. A small tree of Sumatra to the Philippines; in the Peninsula not common in forest, Upper Perak to Singapore.

Adina polycephala, *Benth.* Weld's Hill (Forest Dept.). A tall tree of Burma; Indo-China, Sumatra and Java; in the Peninsula not common in forest, Penang and Malacca.

Adina rubescens, *Hemsl.* Rantau Panjang; Weld's Hill. A tree, endemic and common in forest.

Anthocephalus indicus, *Rich.* Ampang; K. Lumpur. A tall tree of Indo-Malaya; in the Peninsula rare, Perak.

Uncaria attenuata, *Korth.* Seminyih (Hume). A slender climber of Indo-Malaya; in the Peninsula common in forest.

Uncaria dasyoneura, *Korth.* Seminyih (Hume). A climber of Ceylon and Java; in the Peninsula not common, Penang to Malacca.

Uncaria Gambier, *Roxb.* Ulu Gombak (Hume). A slender climber, or (in cultivation) a bush, of W. Malaysia; in the Peninsula cultivated and escaping.

Uncaria glabrata, *DC.* Batu Tiga; Klang Gates; K. Lumpur; Rawang; Seminyih; Sungai Buloh; Ulu Gombak. A climbing shrub of W. Malaysia; in the Peninsula common in forest in the South.

Uncaria jasminiflora, *Hook. fil.* Petaling (Ridley). A climbing shrub of Borneo; in the Peninsula not common in forest, Perak and Singapore.

Uncaria ovalifolia, *Roxb.* K. Lumpur; Rantau Panjang; A slender climbing shrub of Burma and Borneo; in the Peninsula common in forest.

Uncaria pedicellata, *Roxb.* K. Lumpur; Rantau Panjang; Ulu Gombak. A climbing shrub of W. Malaysia; in the Peninsula common, usually in open places.

Uncaria pteropoda, *Miq.* K. Lumpur (Ridley). A liane of Sumatra to New Guinea; in the Peninsula common in secondary growth and forest edges.

Uncaria Roxburghiana, *Korth.* K. Lumpur (Ridley). A slender climber of Sumatra and Borneo; in the Peninsula Taiping to Singapore, on forest edges.

Uncaria sclerophylla, *Roxb.* K. Lumpur (Ridley). A big climbing shrub of W. Malaysia; in the Peninsula common in forest and secondary growth.

Uncaria trinervis, *Hav.* Ulu Gombak (Hume). A slender climber, endemic and rare in forest, Penang Hill, Taiping Hill.

Coptosopelta flavescens, *Korth.* Ulu Gombak (Forest Dept.). A climbing shrub of Indo-Malaya; in the Peninsula common in forest.

Greenia Jackii, *Wight & Arn.* Batang Berjuntai; Klang Gates; Rantau Panjang; Ulu Gombak; Weld's Hill. A shrub or small tree, endemic and common in forest from Langkawi to Malacca.

Aleisanthia rupestris, *Ridl.* Klang Gates (all collectors). A small shrub, endemic and local in cracks of quartzite rocks.

Becheria parviflora, *Ridl.* Batu Tiga (Ridley). A small shrub of St. Barbe Isle; in the Peninsula not common in forest, Perak, Pahang.

Argostemma bicolor, *King.* Weld's Hill (Md. Nur 4791). A small herb, endemic and rare, Perak.

Argostemma denticulatum, *Ridl.* Klang Gates (Hume). An erect herb, endemic and rare, known also from Ginting Sempak, Selangor, at 3,990 feet, fide Ridley.

Argostemma Hookeri, *King.* Petaling (Ridley). A slender creeping herb, endemic, usually in montane forest, Kedah to Johore.

Argostemma inæquilaterum, *Benn.* Batu Caves (Ridl.). A herb, endemic, not common, usually on limestone, Penang, Perak and Malacca.

Argostemma oblongum, *King.* Seminyih (Hume). A small herb, endemic, Perak to Johore in forest.

Argostemma pictum, *Wall.* Klang Gates (Ridley). A small succulent herb of Tenasserim and Lingga; in the Peninsula common in forest.

Argostemma subcrassum, *King.* K. Lumpur; Seminyih. A succulent herb, endemic, usually in montane forest, Perak and Pahang.

Argostemma tenue, *Ridl.* Ulu Gombak (Ridley). A herb, endemic and rare in forest, Tampin Hill (Negri Sembilan).

Argostemma trichanthum, *Ridl.* Ulu Langat (Kloss, fide Ridley). A small herb, endemic and local.

Argostemma unifolioides, *King.* Ulu Gombak (Hume). A herb, endemic, not common in forest, Perak.

Argostemma unifolium, *Benn.* Seminyih (Hume). A herb, endemic and usually in montane forest, Kedah, Penang, Mt. Ophir, Johore.

Ophiorrhiza communis, *Ridl.* Klang Gates; Petaling; Rawang. A herb of Borneo; in the Peninsula common in forest.

Ophiorrhiza discolor, *R. Br.* Batu Caves; Klang Gates; K. Lumpur; Sungai Buloh; Ulu Gombak. A herb, endemic, Penang to Johore in forest.

Ophiorrhiza fruticosa, *Ridl.* Batu Caves (Ridley). A small shrublet, endemic and local.

Ophiorrhiza major, *Ridl.* Batu Caves; K. Lumpur; Seminyih; Ulu Gombak. A herb, endemic, common in forest as far south as Mt. Ophir.

Ophiorrhiza pallidula, *Ridl.* Batu Caves; Seminyih; Ulu Gombak. A herb, endemic, not common in forest, Perak, Pahang, Selangor.

Ophiorrhiza tenella, *King.* Ulu Gombak (Hume). A small herb, endemic and usually in montane forest, Kedah, Perak, Pahang, Selangor.

Ophiorrhiza tenuis, *Ridl.* Dusun Tua; Ulu Gombak (var. *minor*, *Ridl.*). A herb, endemic and rare in forest, Perak and the Semangkok Pass (Selangor).

Ophiorrhiza tomentosa, *Jack.* Ulu Gombak (Hume). A herb of Siam and Sumatra; in the Peninsula Langkawi to Mt. Ophir in forest.

Hedyotis auricularia, *Linn.* Batang Berjuntai; Klang Gates; K. Lumpur; Seminyih; Ulu Gombak. A herb of Indo-Australia; in the Peninsula common in open places.

Hedyotis capitellata, *Wall.* Klang Gates; Rawang; Ulu Gombak. A scandent herb of Tenasserim to W. Malaysia; in the Peninsula common in open places and forest edges.

Hedyotis congesta, *Wall.* Batang Berjuntai; Rantau Panjang; Seminyih; Ulu Gombak. A shrubby herb of Tenasserim, Sumatra and Borneo; in the Peninsula common in forest from Penang to Singapore.

Hedyotis macrophylla, *Wall.* Ulu Gombak (Hume). A woody herb of Tenasserim; in the Peninsula widely spread in forest, but not common.

Hedyotis mollis, *Wall.* Ulu Gombak (Hume). A scandent herb, endemic, Penang and Kelantan to Negri Sembilan in forest.

Hedyotis vestita, *R. Br.* Klang Gates; Ulu Gombak. A herb of Indo-Malaya to the Philippines; in the Peninsula common in open and waste ground.

Oldenlandia corymbosa, *Linn.* Klang Gates; K. Lumpur. A pantropic herb, common in the Peninsula in open sandy places.

Oldenlandia dichotoma, *Hook. fil.* K. Lumpur; Salak; Seminyih; Ulu Gombak. A herb of India; in the Peninsula common in dry shady places.

Oldenlandia diffusa, *Roxb.* Batang Berjuntai; Klang Gates; Rantau Panjang; Seminyih; Ulu Gombak. A diffuse herb of Trop. Asia and Japan; in the Peninsula common in dry open places.

Oldenlandia trinervia, *Retz.* Ulu Gombak (Hume). A prostrate herb of Trop. Africa and Indo-Malaya; in the Peninsula in open sandy places, Penang, Pahang River, Singapore.

Lucinaea membranacea, *King.* Seminyih; Sungai Buloh. An epiphytic climber of Borneo; in the Peninsula Taiping to Singapore in forest.

Lucinaea morinda, *DC.* K. Lumpur (Ridley). A climbing bush of W. Malaysia; in the Peninsula Taiping to Singapore usually near the sea.

Lecananthus erubescens, *Jack.* K. Lumpur; Petaling. An epiphytic shrub of Sumatra and Borneo; in the Peninsula common in forest from Penang to Singapore.

Mussaenda glabra, *Vahl.* Batang Berjuntai; K. Lumpur. A bush or climber of Indo-Malaya and China; in the Peninsula common in secondary growth.

Mussaenda mutabilis, *Hook. fil.* K. Lumpur; Rawang; Seminyih; Ulu Gombak. A sarmentose bush, endemic, common in forest from Kelantan and Perak to Singapore.

Mussaenda polyneura, *King.* Ulu Gombak (Hume). A climbing shrub of Tenasserim; in the Peninsula not common in forest, Perak and Singapore.

Mussaenda villosa, *Wall.* Dusun Tua; Klang Gates; K. Lumpur; Seminyih; Ulu Gombak. A shrub of Siam and Borneo; in the Peninsula common in forest in the north.

Mussaenda Wrayi, *King.* Ulu Gombak (Ridley). A scandent shrub, endemic, Penang to Selangor, in forest.

Adenosacme malayana, *Wall.* Batu Caves; Ulu Gombak. A small shrub, endemic and common in forest over the whole Peninsula.

Mycetia Scortechinii, *Ridl.* Ulu Gombak (Hume). A shrub, endemic in forest, Perak, and Bukit Hitam and Ginting Sempak, Selangor.

Aulocodiscus premnoides, *Hook. fil.* Batu Caves; K. Lumpur; Rawang; Sungai Buloh. A small tree of Tenasserim; in the Peninsula common in forest.

Urophyllum Curtisii, *King, MS.* K. Lumpur (Curtis 2348). There is only one sheet of this in Herb. Singapore, and apparently it has never been described.

Urophyllum glabrum, *Wall.* Ampang; Dusun Tua; Kanching; Petaling; Rantau Panjang; Sungai Buloh; Ulu Gombak; Weld's Hill. A shrub of W. Malaysia to the Philippines; in the Peninsula common in lowland forest.

Urophyllum Griffithianum, *Hook. fil.* Bukit Cheraka; Rawang. A shrub or small tree of Sumatra and Java; in the Peninsula common in forest from Langkawi to Singapore.

Urophyllum hirsutum, *Hook. fil.* Klang Gates; Ulu Gombak; Weld's Hill. A shrub or small tree, endemic, common in forest from Penang to Singapore.

Urophyllum macrophyllum, *Korth.* Dusun Tua; K. Lumpur; Rantau Panjang; Seminyih; Ulu Gombak. A shrub or small tree of Tenasserim, Java and Borneo; in the Peninsula Penang to Singapore, in forest.

Urophyllum streptopodium, *Wall.* K. Lumpur; Seminyih; Ulu Gombak. A slender shrub of Borneo; in the Peninsula common in forest.

Urophyllum trifurcum, *Pears.* Ulu Gombak (Hume). A shrub or tree, endemic, Perak to Singapore, in forest.

Urophyllum umbellulatum, *Miq.* Dusun Tua (Ridley). A shrub of Sumatra; in the Peninsula not common, montane in Penang and Negri Sembilan.

Urophyllum villosum, *Wall.* Ulu Gombak (Hume). A small shrub, endemic, Penang to Singapore, in forest.

Randia anisophylla, *Jack.* K. Lumpur; Seminyih. A small tree of Sumatra and Borneo; in the Peninsula common in lowland forest.

Randia densiflora, *Benth.* Batu Caves; K. Lumpur; Sungai Buloh; Ulu Gombak. A shrub or tree of Indo-Australia, China, and Japan; in the Peninsula common in forest from Langkawi to Singapore.

Randia ? exaltata, *Griff.* Seminyih (Hume).

Randia impressinervia, *King and Gamble.* Rantau Panjang (Hume). A semi-parasitic shrub of Borneo; in the Peninsula not common in forest, Perak.

Randia macrophylla, *Hook. fil.* K. Lumpur; Seminyih; Sungai Buloh; Ulu Gombak. A small shrub of Sumatra; in the Peninsula common in forest.

Randia penangiana, *King and Gamble.* K. Lumpur (Ridley). A woody climber, endemic, Langkawi to Singapore, in forest.

Randia Scortechinii, *King and Gamble.* Batang Berjuntai; Batu Caves; Klang Gates; K. Lumpur; Rantau Panjang; Sungai Buloh; Ulu Gombak. A tree of Borneo; in the Peninsula common in forest from Penang to Negri Sembilan.

Gardenia elata, *Ridl.* Sungai Buloh (Forest Dept.). A lofty tree of Borneo; in the Peninsula rare in forest, Perak and Singapore.

Gardenia tentaculata, *Hook. fil.* Pudu (Ridley). A small bush of Borneo; in the Peninsula common, especially on riverbanks.

Gardenia tubifera, *Wall.* Sungai Buloh (Forest Dept.). A bush of Siam and W. Malaysia; in the Peninsula Selangor to Singapore, on muddy riverbanks.

Petunga floribunda, *Ridl.* K. Lumpur (Ridley). A bush or tree, endemic, Perak, Pahang, Johore, in marshy forest.

Petunga Roxburghii, *DC.* K. Lumpur (Ridley). A bush or small tree of India to Borneo and the Philippines; in the Peninsula common in wet places.

Diplospora malaccensis, *Hook. fil.* Seminyih; Sungai Buloh; Ulu Gombak. A small tree of Sumatra and Borneo; in the Peninsula common in forest from Langkawi to Singapore.

Diplospora ? Wrayi, *King and Gamble*. Ulu Gombak (Hume).

Jackia ornata, *Wall.* Sungai Buloh (Forest Dept.). A small tree of Sumatra and Borneo; in the Peninsula Taiping to Singapore in marshy places.

Ixora arguta, *Br.* Batu Caves (Ridley). A bush of Burma and Siam; in the Peninsula common in forest from Perlis to Johore.

Ixora concinna, *Br.* Seminyih; Ulu Gombak. A tall tree of St. Barbe Isle and Borneo; in the Peninsula Taiping to Singapore in forest.

Ixora congesta, *Roxb.* Klang Gates; K. Lumpur; Petaling; Rantau Panjang; Seminyih; Ulu Gombak. A shrub of Tenasserim; in the Peninsula common in forest.

Ixora diversifolia, *Wall.* Batu Caves (Ridley). A shrub or small tree of Burma; in the Peninsula not common in forest, Perak and Pahang.

Ixora humilis, *King and Gamble*. Batu Caves; Dusun Tua; Seminyih; Ulu Gombak. A small shrub, endemic, not uncommon in forest in the north.

Ixora Kingstoni, *Hook. fil.* Batu Caves; K. Lumpur; Ulu Gombak. A large bush, endemic, Taiping to Johore in forest.

Ixora Lobbii, *Loud.* Klang Gates; K. Lumpur; Rawang; Sungai Buloh; Ulu Gombak. A shrub of Siam; in the Peninsula common in forest, Penang to Singapore.

Ixora pendula, *Jack.* Batu Caves; Dusun Tua; Seminyih; Ulu Gombak; Weld's Hill. A shrub of Sumatra; in the Peninsula common in forest.

Ixora stricta, *Roxb.* Bukit Raja; Klang Gates; Rantau Panjang. A shrub of Indo-China, China, Tenasserim, Java and Borneo; in the Peninsula common on riverbanks and in open places from Setul to Singapore.

Pavetta graciliflora, *Wall.* Klang Gates; Rawang; Sungai Buloh. A shrub of Lower Siam; in the Peninsula common in forest as far south as Malacca.

Pavetta indica, *Linn. var. canescens, Ridl.* Dusun Tua; Ulu Gombak; Weld's Hill. A bush of Indo-Australia and S. China; in the Peninsula the var. common, the species in Perlis.

Pavetta pauciflora, *Ridl.* Batu Caves (Ridley). A small tree, endemic and local.

Tarenna Curtisii, *Ridl.* Batu Caves, a var. with very small leaves (Ridley). A small shrub of Lower Siam; in the Peninsula rare, Langkawi on limestone.

Tarenna longifolia, *Ridl.* Ulu Gombak (Forest Dept.). A small shrub, endemic, Setul to North Johore, in forest.

Tarenna Napierii, *Ridl.* Seminyih; Ulu Gombak. A shrub, endemic, Perak, Pahang, Negri Sembilan, Johore, in forest.

Tarenna rudis, *Ridl.* Weld's Hill (Forest Dept. 2592, 2593). A shrub, endemic and local.

Tarenna stellulata, *Ridl.* Batu Caves; K. Lumpur. A shrub, endemic, common from Langkawi to Singapore.

Stylocoryna costata, *Miq.* K. Lumpur (Curtis, Forest Dept.). A tall tree of Sumatra; in the Peninsula Perak, Negri Sembilan and Malacca, in secondary growth.

Stylocoryna fragrans, *Bl.* Klang Gates; Weld's Hill. A large bush of W. Malaysia; in the Peninsula common in secondary growth.

Stylocoryna Maingayi, *King.* Ulu Gombak (Hume). A shrub, endemic, Taiping to Johore, usually in montane forest.

Stylocoryna mollis, *Wall.* Kanching; Sungai Buloh; Ulu Gombak. A small tree of Sumatra; in the Peninsula Penang to Singapore in forest.

Coffea malayana, *Ridl.* K. Lumpur (Ridley). A shrub, endemic, Selangor, Negri Sembilan and Johore in forest.

Coffea viridiflora, *Ridl.* Batu Caves (Ridley). A shrub, endemic and rare, known also from Waterloo, Perak.

Gardeniopsis longifolia, *Miq.* Seminyih; Ulu Gombak. A shrub of Sumatra; in the Peninsula common in forest from Langkawi to Singapore.

Timonius peduncularis, *Ridl.* K. Lumpur (Forest Dept., Ridley). A small tree of Indo-Malaya; in the Peninsula common in open country.

Timonius Wallichianus, *Valeton.* Klang Gates; Rantau Panjang; Sungai Buloh; Ulu Gombak; Weld's Hill. A small tree, endemic, common in open country from Langkawi to Singapore.

Morinda citrifolia, *Linn.* K. Lumpur (Forest Dept.). Probably from a cultivated plant. A small tree of Indo-Malaya; in the Peninsula perhaps not wild.

Morinda elliptica, *Ridl.* K. Lumpur (Curtis, Forest Dept.). A small tree, endemic and very common over the whole Peninsula in open places and near the sea.

Morinda umbellata, *Linn.* Ulu Gombak (Forest Dept.). A sarmentose shrub of Indo-Australia, China and Japan; in the Peninsula common in open places.

Rennellia speciosa, *Hook. fil.* Seminyih; Sungai Buloh; Ulu Gombak; Weld's Hill. A small shrub of Burma, Sumatra and Borneo; in the Peninsula common in forest from Kedah and Kelantan to Johore.

Gynochthodes sublanceolata, *Miq.* K. Lumpur (Curtis. One sheet without flowers, doubtful). A slender woody climber of Sumatra and Borneo; in the Peninsula common in open country.

Canthium confertum, *Korth.* Ulu Gombak; Weld's Hill. A small tree of Bangka and Borneo; in the Peninsula common, but usually near the sea and on tidal rivers.

Canthium didymum, *Gaertn. fil.* K. Lumpur; Sungai Buloh; Ulu Gombak. A bush or small tree of Indo-Malaya and S. China; in the Peninsula common in forest and secondary growth.

Canthium glabrum, *Bl.* Weld's Hill (Forest Dept.). A small tree of Tenasserim, Siam and Java; in the Peninsula common in forest.

Canthium horridum, *Bl.* Klang Gates; Weld's Hill. A spiny shrub of Burma, Java, Borneo and the Philippines; in the Peninsula common in open country from Setul to Singapore.

Psychotria angulata, *Korth.* Batu Caves (Ridley). A shrub of Burma, Bangka and Borneo; in the Peninsula common in forest from Langkawi to Singapore.

Psychotria calocarpa, *Kurz.* Batu Caves; Ulu Gombak. A small shrub of India and Burma; in the Peninsula not common in forest, Kelantan, Perak, the Dindings, Malacca and Johore.

Psychotria Cantleyi, *Ridl.* Batu Caves (Burkill). A scandent shrub, endemic, Perak and Pahang to Singapore, in forest.

Psychotria lanceolaria, *Ridl.* Batu Caves (Ridley). A shrub, endemic and local.

Psychotria montana, *Bl.* K. Lumpur; Ulu Gombak. A shrub of Burma, Sumatra and Java; in the Peninsula not very common in forest, Upper Perak and Kelantan to Mt. Ophir.

Psychotria Maingayi, *Hook. fil.* Klang Gates; Ulu Gombak. A slender climber, endemic, Selangor to Singapore, often near the sea.

Psychotria penangensis, *Hook. fil.* Batang Berjuntai (Ridley). A shrubby climber, endemic, common in forest from Penang to Singapore.

Psychotria Ridleyi, *King and Gamble.* Ulu Gombak (Hume). A climber, endemic, not uncommon in forest in the south.

Psychotria rostrata, *Bl.* Dusun Tua; K. Lumpur; Rantau Panjang; Seminyih; Sungai Buloh; Ulu Gombak. A shrub of W. Malaysia; in the Peninsula common in forest from Perak and Kelantan to Singapore.

Psychotria sarmentosa, *Bl.* Rantau Panjang; Ulu Gombak. A climber of Indo-Malaya; in the Peninsula common in forest from Langkawi to Singapore.

Psychotria stipulacea, *Wall.* Ulu Gombak; Weld's Hill. A shrub of Sumatra; in the Peninsula common in forest from Kedah to Singapore.

Psychotria viridiflora, *Reinw.* Batu Caves; K. Lumpur; Petaling; Weld's Hill. A bush or small tree of Indo-Malaya; in the Peninsula common as far south as Malacca, in open places and forest.

Chasalia curviflora, *Thw.* Ampang; Batang Berjuntai; Batu Caves; Klang Gates; Rantau Panjang; Rawang; Seminyih; Sungai Buloh; Ulu Gombak; Weld's Hill. A shrub of Indo-Malaya to the Philippines; in the Peninsula very common in forest.

Chasalia pubescens, *Ridl.* Sungai Buloh; Ulu Gombak. A bush, endemic, not common in forest, Pahang, Negri Sembilan, Johore, Singapore.

Cephaelis cuneata, *Hook. fil.* Ulu Gombak (Hume). A small shrub, endemic and common from Taiping to Singapore.

Cephaelis Griffithii, *Hook. fil.* Seminyih; Ulu Gombak. A small shrub of Sumatra; in the Peninsula not uncommon in forest in the south.

Cephaelis triceps, *Ridl.* K. Lumpur (Ridley). A shrub, endemic and rare, known also from Fraser Hill and Cameron's Highlands.

Geophila reniformis, *Don.* Batu Caves; Seminyih. A creeping herb of Trop. America, Trop. Africa, Indo-Malaya to Polynesia and China; in the Peninsula common in forest from Langkawi to Singapore.

Lasianthus appressus, *Hook. fil.* Batu Tiga; Batang Berjuntai. A shrub of Borneo; in the Peninsula Langkawi to Singapore, usually in montane forest.

Lasianthus bractescens, *Ridl.* Batu Caves; Ulu Gombak. A shrub, endemic and rare in forest, Upper Perak and Perak.

Lasianthus constrictus, *Wight.* Sungai Buloh (Ridley). A shrub of Burma, Java and Borneo; in the Peninsula common in forest from Upper Perak and Kelantan to Singapore.

Lasianthus densifolius, *Miq.* Klang Gates; Seminyih; Ulu Gombak. A shrub of Borneo; in the Peninsula common in forest in the south.

Lasianthus ellipticus, *Wight*. Sungai Buloh; Ulu Gombak. A shrub, endemic, Upper Perak to Singapore, in forest.

Lasianthus Griffithii, *Wight*. Batu Caves; Petaling. A shrub of Lingga and Borneo; in the Peninsula Taiping to Singapore in forest on both coasts.

Lasianthus longifolius, *Wight*. K. Lumpur; Ulu Gombak. A shrub of Sumatra; in the Peninsula Dindings to Johore, in forest.

Lasianthus Lowianus, *King and Gamble*. Dusun Tua; Petaling; Seminyih. A shrub, endemic, often in montane forest, Kedah to Selangor.

Lasianthus Maingayi, *Hook. fil.* Dusun Tua; Klang Gates; Seminyih; Ulu Gombak. A shrub of Sumatra and Borneo; in the Peninsula common in forest from Upper Perak and Kelantan to Singapore.

Lasianthus montanus, *King and Gamble*. Ulu Gombak (Hume). A bush, endemic, usually in montane forest, Taiping Hills, Gunong Bubus, Gunong Tahan.

Lasianthus oblongus, *King and Gamble*. Klang Gates; Rawang; Sungai Buloh; Ulu Gombak; Weld's Hill. A large shrub, endemic, common from Kedah to Johore in forest.

Lasianthus pilosus, *Wight*. Batu Caves (Ridley). A shrub, endemic, Upper Perak and Kelantan to Johore, in forest.

Lasianthus Ridleyi, *King and Gamble*. K. Lumpur (Ridley). A small shrub, endemic, K. Lumpur to Singapore, in forest.

Lasianthus stipularis, *Bl.* Batu Caves; Kanching, on limestone (var. *hirtus*, *Ridl.*); Seminyih; Ulu Gombak. A slender shrub of Tenasserim to the Philippines; in the Peninsula common in forest, Upper Perak and Kelantan to Singapore.

Saprosma glomerulatum, *King and Gamble*. Kanching (Forest Dept.). A foetid shrub, endemic, Penang to Singapore, in forest.

Saprosma ternatum, *Hook. fil.* Batu Caves (Ridley). A shrub of India, Burma, Tenasserim and Java; in the Peninsula Perak and Kelantan to Mt. Ophir, in forest.

Paederia verticillata, *Bl.* Rawang (Ridley). A climbing shrub of Java, Borneo and the Philippines; in the Peninsula common from Kedah to Singapore in open places and secondary growth.

Borreria hispida, *Schum.* Circular Rd. Plantation; K. Lumpur; Salak South Rd. A rough wiry herb of Indo-Malaya to the Philippines and China; in the Peninsula common in waste ground.

Borreria laevicaulis, *Ridl.* Ampang; Klang Gates; K. Lumpur; Pudu; Ulu Gombak. A slender herb of India and Java; in the Peninsula common in waste ground.

Borreria latifolia, *Schum.* K. Lumpur (Hume). A fleshy herb, recently introduced from W. Indies and S. America, and not yet common in the Peninsula.

Borreria pilulifera, *Ridl.* Roadsides at Klang Gates (Ridley). A slender herb, endemic and local.

Borreria setidens, *Ridl.* K. Lumpur; Ulu Gombak. A herb of Java; in the Peninsula common in waste ground.

Spermacoce ocymoides, *Burm.* Batang Berjuntai; Rantau Panjang; Ulu Gombak. A pantropic herb, common in the Peninsula on roadsides and waste ground.

CULTIVATED RUBIACEÆ.

Coffea arabica, *Linn.* (Coffee). A small tree, pantropic in cultivation, native of S. W. Asia.

Gardenia florida, *Linn.* Common in gardens. A shrub of China and Japan; in the Peninsula commonly cultivated.

Ixora coccinea, *Linn.* Cultivated in K. Lumpur, fide Foxworthy. A bush, widely cultivated in Indo-Malaya.

Ixora macrothyrsa, *Teys. & Binn.* Common in gardens. A bush of Sumatra; in the Peninsula commonly cultivated.

Mussaenda erythrophylla, *Sch.* Public Gardens, K. Lumpur. A shrub of Trop. Africa; in the Peninsula occasionally cultivated.

Psychotria Ipecacuanha, *Stokes.* Serdang Experimental Plantation. A shrub of Brazil.

COMPOSITÆ.

Sparganophorus Vaillantii, *DC.* Klang Gates; K. Lumpur; Ulu Gombak. A herb of Trop. Africa, Asia and S. America; in the Peninsula in wet places in Kelantan and Singapore.

Elephantopus scaber, *Linn.* K. Lumpur, and doubtless in other localities. A herb, pantropic, very common in grass over the whole Peninsula.

Ageratum conyzoides, *Linn.* Ampang; Batang Berjuntai; K. Lumpur; Pudu; Seminyih; Ulu Gombak. A herb, pantropic, of South American origin; in the Peninsula very common everywhere in waste ground.

Adenostemma viscosum, *Forst.* Batu Caves; Ulu Gombak. A cosmopolitan herb, common in the Peninsula, usually in waste ground.

Bidens pilosa, *Linn.* Batu Caves; Seminyih; Ulu Gombak. A herb, pantropic; in the Peninsula common in open places.

Synedrella nodiflora, *Gaertn.* Ampang; Batang Berjuntai; Klang Gates; K. Lumpur; Pudu; Seminyih; Ulu Gombak. A pantropic herb of S. American origin; in the Peninsula very common in waste ground.

Eclipta alba, *Hassk.* Ampang; Seminyih; Ulu Gombak. A pantropic herb; in the Peninsula a common weed in waste ground.

Vernonia chinensis, *Less.* Ulu Gombak (Hume). A herb of W. Malaysia to the Philippines; in the Peninsula common in open and waste ground.

Vernonia cinerea, *Less.* Batang Berjuntai; Batu Caves; Klang Gates; K. Lumpur; Pudu; Ulu Gombak. A herb, pantropic; common over the whole Peninsula in waste ground.

Vernonia javanica, *DC.* K. Lumpur. A small tree of Java and Borneo; in the Peninsula common in open country.

Vernonia Wallichii, *Ridl.* Klang Gates; K. Lumpur; Ulu Gombak. A tree of Sylhet, Lower Siam and Borneo; in the Peninsula common in forest from Penang to Singapore.

Gynura malasica, *Ridl.* K. Lumpur (Ridley). A herb of Borneo; in the Peninsula common in waste ground.

Gynura sarmentosa, *DC.* Seminyih (Hume). A scandent or erect herb of S. E. Asia; in the Peninsula common in forest and open places.

Emilia sonchifolia, *DC.* Klang Gates; Seminyih; Ulu Gombak. A pantropic herb, common over the whole Peninsula in waste ground.

Erechthites valerianifolia, *DC.* Klang Gates; K. Lumpur; Seminyih; Ulu Gombak. A pantropic herb of S. American origin; in the Peninsula common in waste places.

Blumea balsamifera, *DC.* (Ngai Camphor). Klang Gates; Pudu; K. Lumpur. An aromatic shrub of Indo-Malaya; in the Peninsula common in open places.

Blumea chinensis, *DC.* Klang Gates; K. Lumpur; Rawang. A scandent herb of Indo-Malaya to the Philippines and S. China; in the Peninsula common from Penang to Singapore.

Blumea lacera, *DC.* K. Lumpur; Seminyih; Ulu Gombak. A herb of Trop. Africa and Asia; in the Peninsula common on roadsides.

Blumea membranacea, *DC.* K. Lumpur (Ridley). A herb of Indo-Malaya; in the Peninsula common in open places, especially in the north.

Blumea myriocephala, *DC.* K. Lumpur (Curtis). A shrubby herb of Indo-Malaya; in the Peninsula not very common in forest, Perak to Negri Sembilan.

Erigeron sumatrense, *Retz.* Batu Caves; Seminyih. A herb of Siam, Sumatra, Java and the Philippines; in the Peninsula common in waste ground.

Crepis japonica, *Benth.* Seminyih (Hume). A herb of the Tropics of the Old World; in the Peninsula not uncommon in clearings in the hills.

CULTIVATED COMPOSITÆ.

Cosmos bipinnatus, *Cav.* Common in gardens. A native of America.

Lactuca brevirostris, *Champ.* Seminyih (Hume). No doubt an escape from a vegetable garden. It is cultivated occasionally in the Peninsula.

LOBELIACEÆ.

Lobelia affinis, *Wall.* Batu Caves; Dusun Tua; Klang Gates. A creeping herb of Indo-Malaya and China; in the Peninsula common in damp places from Penang to Singapore.

CAMPANULACEÆ.

Pentaphragma Scortechinii, *King & Gamble.* Klang Gates; K. Lumpur; Seminyih; Ulu Gombak. A succulent herb, endemic, common in damp places in forest from Upper Perak to Singapore.

VACCINIACEÆ.

Vaccinium bancanum, *Miq.* Kanching; Klang Gates. A terrestrial or epiphytic shrub of Java, Bangka and Borneo; in the Peninsula in montane forest on the Taiping Hills, Gunong Tahan, Fraser Hill, and Mt. Ophir.

Vaccinium eburneum, *Ridl.* Klang Gates (Ridley). A small tree, endemic, rare in dry open spots, Kedah Peak.

Vaccinium Hasseltii, *Miq.* Kanching; Ulu Gombak. A large epiphytic shrub of Sumatra, Java and Bangka; in the Peninsula Kedah Peak to Singapore, usually in forest.

ERICACEÆ.

Rhododendron longiflorum, *Lindl.* Kanching; Klang Gates. A shrub, epiphytic or on rocks, of Sumatra and Borneo; in the Peninsula Kedah Peak to Singapore, usually in forest.

Rhododendron orion, *Ridl.*, var. *auranticum*, *Ridl.* Klang Gates (Brooks). A small shrub, endemic and rare, the species from Menuang Gasing, Selangor, the var. known only from Klang Gates.

PLUMBAGINACEÆ, CULTIVATED.

Plumbago rosea, *Linn.* Cultivated and occasionally escaping. Origin unknown.

PLANTAGINACEÆ.

Plantago asiatica, *Linn.* Petaling (Ridley). A herb of Europe and Asia; in the Peninsula a sporadic weed in waste ground.

MYRSINACEÆ.

Maesa indica, *Wall.* Ulu Gombak (Hume). A shrub or small tree of Indo-Malaya; in the Peninsula not common, often montane, Taiping Hills, Kuala Kangsar, Fraser Hill.

Maesa ramentacea, *Miq.* Batang Berjuntai; Kanching; Klang Gates; K. Lumpur; Sungai Buloh; Ulu Gombak. A sarmentose shrub of Indo-Malaya; in the Peninsula common in secondary growth from Langkawi and Kelantan to Singapore.

Myrsine Porteriana, *Wall.* Batu Caves (Ridley). A shrub or small tree of Sumatra; in the Peninsula common in forest from Penang to Johore.

Embelia amentacea, *Clarke.* Bukit Raja; Klang Gates; K. Lumpur; Rantau Panjang; Sungai Buloh. A slender climbing shrub of Borneo; in the Peninsula common in secondary growth from Taiping to Singapore.

Embelia coriacea, *Wall.* Klang Gates (Ridley). A liane of W. Malaysia to the Philippines; in the Peninsula common in forest.

Embelia dasythrysa, *Miq.* Ulu Gombak (Hume). A woody climber of Bangka and Borneo; in the Peninsula not common, Perak and Malacca.

Embelia garciniaefolia, *Wall.* K. Lumpur (Ridley). A slender woody climber of Indo-Malaya and China; in the Peninsula common on forest edges.

Embelia Lampani, *Scheff.* Ampang; Batang Berjuntai; Klang Gates; K. Lumpur; Rantau Panjang. A climbing shrub of Sumatra; in the Peninsula Penang to Singapore, in forest.

Embelia myrtilus, *Kurz.* Seminyih (Hume). An erect or climbing shrub of Burma; in the Peninsula usually a mountain plant, Kedah to Mt. Ophir.

Labisia potheria, *Lindl.* Batang Berjuntai; K. Lumpur; Rantau Panjang; Seminyih; Ulu Gombak. A shrublet of W. Malaysia; in the Peninsula common in forest.

Ardisia andamanica, *Kurz.* Ulu Gombak (Forest Dept.). A shrub of Tenasserim; in the Peninsula not uncommon in forest, usually montane.

Ardisia colorata, *Roxb.* Klang Gates; Pudu; Seminyih; Sungai Buloh (var. *complanata*, *Clarke*); Weld's Hill (var. *polyneura*, *Clarke*). A shrub of Indo-Malaya; in the Peninsula common and variable in forest.

***Ardisia crenata*, Roxb.** K. Lumpur (Ridley). A bush of Indo-Malaya, China and Japan; in the Peninsula common in open country and secondary growth.

***Ardisia lanceolata*, Roxb.** Batu Caves; Klang Gates; K. Lumpur; Sungai Buloh. A small tree of W. Malaysia to the Philippines; in the Peninsula common in forest.

***Ardisia littoralis*, Andr.** K. Lumpur (Forest Dept.). A bush of Indo-Malaya to the Philippines and China; in the Peninsula common on seacoasts.

***Ardisia odontophylla*, Wall.** Petaling (Ridley). An undershrub of India and Borneo; in the Peninsula Perak, Pahang and Malacca, in forest.

***Ardisia oxyphylla*, Wall.** Ulu Gombak (Hume). A shrub or small tree of Tenasserim, Lower Siam and Borneo; in the Peninsula Setul to Mt. Ophir, in forest.

***Ardisia pachysandra*, Mez.** Weld's Hill (Forest Dept.). A shrub or small tree of ? Borneo; in the Peninsula not common in forest, Kedah Peak, Penang, Perak, Johore.

***Ardisia Ridleyi*, King and Gamble.** Ulu Gombak (Hume). A shrub of Sumatra; in the Peninsula not common, but widely spread, Langkawi to Singapore.

***Ardisia sinuata*, King and Gamble.** Batang Berjuntai; K. Lumpur. A shrub or small tree, endemic, rare, Kota and Gopeng, Perak.

***Ardisia solanacea*, Roxb.** Damansara (Forest Dept.). A shrub or tree of India, Burma and Tenasserim; in the Peninsula not common in forest, Perak.

***Ardisia tuberculata*, Wall.** Batu Caves (Ridley). A shrub of Bangka; in the Peninsula common in forest in the south.

***Ardisia villosa*, Roxb.** Dusun Tua, Klang Gates; K. Lumpur; Rantau Panjang; Seminyih; Sungai Buloh; Ulu Gombak. A small shrub of Indo-Malaya and Indo-China; in the Peninsula common in forest from Kedah to Singapore.

***Ardisia vinimea*, Ridl., Kew Bull., 10, 1926, p. 472.** Ulu Gombak (Hume 9676). A tall shrub, endemic and local.

***Ardisia virens*, Kurz.** K. Lumpur; Seminyih. A shrub of Assam, Burma, Borneo and China; in the Peninsula not common in forest, montane in the Taiping Hills and Ulu Batang Padang.

***Antistrophe caudata*, King and Gamble.** Ayer Hitam; Klang Gates; Seminyih; Ulu Gombak. A shrub or small tree, endemic, not common in forest, Taiping to Negri Sembilan.

SAPOTACEÆ.

(In dealing with the Sapotaceæ, Dr. H. J. Lam's recent monograph, Bulletin du Jardin Botanique de Buitenzorg, Serie 111, Vol. VII, Livr. 1-2, and Vol. VIII, Livr. 4, has been followed).

Chrysophyllum Roxburghii, *Don*. Weld's Hill (Forest Dept.). A tree of Indo-Malaya to the Philippines; in the Peninsula Malacca and Singapore in forest.

Lucuma malaccensis, *Dubord*. *Sideroxylon malaccense*, Clarke. Maxwell Rd. and Weld's Hill, K. Lumpur (Forest Dept.). A tree of Lingga and Sumatra; in the Peninsula Penang to Singapore in forest.

Payena Havilandi, *King and Gamble*. Rantau Panjang (Hume). A tree of Borneo; in the Peninsula not uncommon in forest, Langkawi to Singapore.

Payena lucida, *DC*. Kanching; Klang Gates; Sungai Buloh; Ulu Gombak; Weld's Hill. A small tree of Sumatra and Borneo; in the Peninsula common in forest.

Payena Maingayi, *Clarke*. Kajang; Sungai Buloh; Ulu Gombak. A tall tree of ? Borneo; in the Peninsula common in forest.

Bassia ? elongata, *Miq*. Sungai Buloh (Forest Dept.). A tree of Sumatra; in the Peninsula rare and little known, Malacca. "Might be a *Palauquium*, allied to *P. Gutta*, or to *P. elongatum* of the Philippines." "A relation with *Madhuca sericea* seems not impossible," H. J. Lam, l.c., p. 107.

Madhuca Dubardii, *H. J. Lam*. Ayer Hitam; Bukit Tunggal. A tree of Borneo; in the Peninsula rare in forest, known only from these localities.

Madhuca Korthalsii, *H. J. Lam*. *Bassia Braceana*, King and Gamble. Ulu Gombak; Weld's Hill. A tree of Sumatra, Borneo and New Britain; in the Peninsula Penang to Malacca in forest.

Madhuca laurifolia, *H. J. Lam*. *Bassia laurifolia*, King and Gamble. K. Lumpur; Ulu Gombak. A tree, endemic, Kedah, Penang, Perak, in forest.

Madhuca malaccensis, *H. J. Lam*. *Bassia malaccensis*, King and Gamble. Weld's Hill (Forest Dept.). A tree of Borneo; in the Peninsula Perak, Malacca, Singapore, in forest.

Madhuca sericea, *H. J. Lam*. *Bassia argentea*, Clarke. Sungai Buloh; Weld's Hill. A tall tree of Lingga, Bangka, Sumatra and Borneo; in the Peninsula Penang, Malacca, Singapore, in forest.

Madhuca utilis, *H. J. Lam.* *Payena utilis*, *Ridl.* Bukit Cheraka; Kajang; Rantau Panjang; Sungai Buloh. A lofty tree of Sumatra and ? Borneo; in the Peninsula not very common in forest, Perak, Pahang, Ulu Selangor and Johore.

Paladium Clarkeanum, *King and Gamble.* K. Lumpur (Forest Dept.). A tall tree, endemic, not common in forest, Langkawi, Perak and Malacca.

Paladium Gutta, *Burck.* (The Gutta Percha tree). Kanching; Kajang; K. Lumpur; Rantau Panjang; Sungai Buloh; Weld's Hill. A tall tree of W. Malaysia; in the Peninsula common in forest from Penang to Singapore.

Paladium Maingayi, *King and Gamble.* Ampang; Kajang; Kanching; K. Lumpur; Rantau Panjang; Sungai Buloh. A tall tree, endemic, Perak, Negri Sembilan and Malacca, in forest.

Paladium microphyllum, *King and Gamble.* 18th mile, Ginting Sempak Rd. (Strugnell, C. F. 11112). A tree of Lingga, Bangka, Sumatra and Borneo; in the Peninsula rare, hitherto known only from Singapore.

Paladium obovatum, *Engl.* Weld's Hill (Forest Dept.). A tall tree of Indo-Malaya to the Philippines, and Indo-China; in the Peninsula common in forest in the south.

Paladium Oxleyanum, *Pierre.* K. Lumpur; Rantau Panjang. A tall tree, endemic, Perak, Pahang, Singapore, in forest.

Paladium stellatum, *King and Gamble.* Sungai Buloh (Forest Dept.). A tree of Sumatra; in the Peninsula not common in forest, Kedah, Perak, Pahang.

CULTIVATED SAPOTACEÆ.

Achras sapota, *Linn.* (The Chiku). A small tree of South American origin, pantropic in cultivation.

Mimusops Elengi, *Linn.* Cultivated as a roadside tree. H. J. Lam, l.c. p. 237, thinks it probably wild throughout Indo-Australia, especially near the seashore.

EBENACEÆ.

Diospyros argentea, *Griff.* Petaling; Weld's Hill. A shrub, endemic and common in forest from the Taiping Hills to Singapore.

Diospyros clavigera, *Clarke*, var. **pachyphylla**, *Ridl.* Weld's Hill (Forest Dept.). A tree, endemic, the species from Perlis to Singapore, the var. in Malacca and Singapore, in forest.

Diospyros graciliflora, *Hiern.* Klang Gates; Rantau Panjang; Ulu Gombak; Weld's Hill. A small tree of Java and Borneo; in the Peninsula Kedah, Penang and Perak, in forest.

Diospyros ? Kurzii, *Hiern*. Batu Caves (Ridley). A tree of the Andaman Islands; in the Peninsula known only from this locality.

Diospyros latisepala, *Ridl*. Kanching; K. Lumpur; Sungai Buloh. A tree, endemic, not common in forest, Perak, Negri Sembilan and Malacca.

Diospyros lucida, *Wall*. K. Lumpur (Forest Dept.). A shrub or small tree of Lower Siam and St. Barbe Isle; in the Peninsula common in forest and near the sea from Penang to Singapore.

Diospyros Scortechinii, *King and Gamble*. Rawang (Ridley). A tree, endemic, Penang to Selangor, usually in montane forest.

Diospyros subrhomboidea, *King and Gamble*. Batu Caves (Ridley). A shrub of Sumatra; in the Peninsula not common in forest, Taiping Hills, Semangkok Pass.

Diospyros toposioides, *King and Gamble*. Batu Caves (Curtis). A small tree, endemic, Perak and the Dindings, usually on limestone.

Diospyros Wallichii, *King and Gamble*. Batu Caves; K. Lumpur. A tree of Lower Siam; in the Peninsula common in forest from Langkawi to Malacca.

CULTIVATED EBENACEÆ.

Diospyros discolor, *Willd*. (Butter fruit). K. Lumpur (Agri. Dept.). A tree of the Philippines; not commonly cultivated in the Peninsula.

STYRACACEÆ.

Styrax Benzoin, *Dryand*. Klang Gates; K. Lumpur; Sungai Buloh; Ulu Gombak. A tall tree of Sumatra and Borneo; in the Peninsula common in forest from Taiping to Singapore.

Symplocos adenophylla, *Wall*. Ulu Gombak (Hume). A shrub or small tree of Sumatra, Bangka, Borneo and the Philippines; in the Peninsula common in montane forest and near the sea from Kedah to Singapore.

Symplocos Curtisii, *Oliv*. Seminyih (Hume). A shrub or small tree, endemic, not common, usually montane, Penang, Perak and Pahang.

Symplocos fasciculata, *Zoll*. Batu Caves; K. Lumpur; Seminyih. A tree of W. Malaysia; in the Peninsula common in open places and secondary growth from Taiping to Singapore.

Symplocos nivea, *Brand*. Weld's Hill (Forest Dept. 1593). A tree, endemic and rare, Penang.

Symplocos perakensis, *King and Gamble*. K. Lumpur (Ridley). A tree, endemic, not very common, Perak and Pahang, in forest.

Symplocos rigida, *Clarke*. Sungai Buloh (Forest Dept.). A tree, endemic, common in forest from Taiping to Singapore.

Symplocos rubiginosa, *Wall*. Weld's Hill (Forest Dept.). A shrub or small tree of Sumatra and Borneo; in the Peninsula Penang to Singapore, in forest.

OLEACEÆ.

Jasminum bifarium, *Wall*. Batu Caves; Klang Gates; K. Lumpur. A sprawling bush of W. Malaysia to the Philippines; in the Peninsula very common in open country from Kedah to Singapore.

Jasminum Griffithii, *Clarke*. Batu Caves (Ridley). A slender climbing shrub, endemic, Penang to Singapore, in forest.

Jasminum Maingayi, *Clarke*. Klang Gates (Ridley). A climbing shrub, endemic, Perlis to Johore in forest, often montane.

Jasminum Wrayi, *King and Gamble*. Batu Caves (Curtis). A slender climber, endemic, not common, Perak.

Linociera spicifera, *Ridl*. Rawang (Kloss, fide Ridley). A tree, endemic and local.

Olea maritima, *Wall*. Public Gardens, K. Lumpur (Forest Dept.). A shrub of W. Malaysia; in the Peninsula common in open country and near the sea.

CULTIVATED OLEACEÆ.

Jasminum Sambac, *Ait*. Common in gardens. A bush of India, Burma and Siam, cultivated in all tropics.

APOCYNACEÆ.

Willughbeia coriacea, *Wall*. Sungai Buloh (Forest Dept.). A liane, endemic and common in forest from Langkawi to Singapore.

Willughbeia firma, *Bl*. Klang Gates (Forest Dept.). A liane of W. Malaysia; in the Peninsula common in forest from Langkawi to Singapore.

Willughbeia tenuiflora, *Dyer*. Sungai Buloh (Forest Dept.). A liane of Sumatra and Borneo; in the Peninsula common in forest in the south.

Chilocarpus atroviridis, *Bl*. Batang Berjuntai; Batu Caves. A slender climbing shrub of Tavoy and Mergui; in the Peninsula Taiping Hills, Malacca, in forest.

Chilocarpus Cantleyi, *King and Gamble*. K. Lumpur. A climbing shrub, endemic and rare, Perak and Lower Perak,

Chilocarpus costatus, *Miq.* Ampang; Klang Gates; K. Lumpur; Sungai Buloh; Seminyih; Weld's Hill. A climbing shrub of Sumatra; in the Peninsula Penang to Malacca in forest.

Chilocarpus decipiens, *Hook. fil.* Batang Berjuntai; Batu Caves. A slender liane, endemic, not common in forest, Malacca.

Leuconotis Griffithii, *Hook. fil.* K. Lumpur; Sungai Buloh. A climbing shrub, endemic, Taiping, Negri Sembilan, Malacca and Singapore, in secondary growth.

Leuconotis Maingayi, *Dyer.* Bukit Cheraka; Sungai Buloh; Weld's Hill. A climbing shrub, endemic, not common, Singapore.

Alyxia selangorica, *King and Gamble.* Top of the Batu Caves (Ridley). A slender climbing shrub of Sumatra; in the Peninsula very rare, known only from this locality.

Hunteria corymbosa, *Roxb.* Batu Caves; Bukit Belachan; Kajang; Sungai Buloh; Ulu Gombak; Weld's Hill. A small tree of India, Ceylon and Sumatra; in the Peninsula not uncommon in forest from Langkawi to Negri Sembilan.

Rauwolfia perakensis, *King and Gamble.* Batu Caves (Ridley). A shrub of Lower Siam; in the Peninsula common in open places in the north.

Kopsia Ridleyana, *King and Gamble.* Rawang; Sungai Buloh. A small shrub, endemic, local, but common in Negri Sembilan.

Kopsia singaporensis, *Ridl.* Public Gardens, K. Lumpur (Forest Dept.). A shrub or small tree, endemic, not common in forest in the south.

Ervatamia Curtisii, *King and Gamble.* Seminyih (Hume). A shrub, endemic not common in forest, Penang, Perak and Pahang.

Ervatamia cylindrocarpa, *King and Gamble.* Batang Berjuntai; Klang Gates; Rantau Panjang; Sungai Buloh; Weld's Hill. A shrub, endemic, Penang and Upper Perak to Malacca, in forest.

Ervatamia malaccensis, *King and Gamble.* Batu Caves; K. Lumpur. A shrub, endemic, common in forest from Penang to Singapore.

Ervatamia peduncularis, *King and Gamble.* Batu Caves; Seminyih; Ulu Gombak. A shrub, endemic, common in forest from Langkawi to Mt. Ophir.

Ervatamia polyneura, *King and Gamble.* Public Gardens, K. Lumpur (Forest Dept.). A big shrub, endemic, usually in montane forest on the Main Range and Gunong Tahan.

Dyera costulata, *Hook. fil.* Kajang; K. Lumpur; Rantau Panjang; Sungai Buloh. A lofty tree of Sumatra and Borneo; in the Peninsula common in forest from Penang to Singapore.

Dyera laxiflora, *Hook. fil.* K. Lumpur; Sungai Buloh. A lofty tree, endemic and common in forest.

Alstonia angustiloba, *Miq.* Batu Caves (Forest Dept.). A lofty tree of Java, Borneo and the Philippines; in the Peninsula Penang, Taiping, Singapore, in forest.

Alstonia micrantha, *Ridl.* Rantau Panjang (Kloss, fide Ridley). A tree, endemic and local.

Alstonia scholaris, *R. Br.* Ampang; Batu Caves; Kajang; Klang Gates; K. Lumpur; Sungai Buloh. A tall tree of Africa and Indo-Australia; in the Peninsula Penang to Malacca in forest.

Alstonia spathulata, *Bl.* Ampang; K. Lumpur; Pudu. A tall tree of Java and Borneo; in the Peninsula Perak to Singapore in wet swampy forest.

Vallaris Maingayi, *Hook. fil.* Klang Gates; K. Lumpur. A tree, endemic, Penang, Negri Sembilan, Johore and Singapore in forest.

Pottsia cantoniensis, *Hook. & Arn.* Klang Gates; Seminyih; Ulu Gombak. A climbing shrub of India, Burma, Java and S. China; in the Peninsula Penang to Malacca in forest.

Wrightia laevis, *Hook. fil.* Dusun Tua; Seminyih. A shrub or small tree of Lower Siam and Sumatra; in the Peninsula not common in forest, Upper Perak, Pahang, Negri Sembilan, Mt. Ophir.

Strophanthus dichotomus, *DC.* K. Lumpur (Weld's Hill and the Public Gardens). A sarmentose shrub of Tenasserim and Java; in the Peninsula Perak to Singapore in open places.

Urceola elastica, *Roxb.* Ampang; Bukit Tunggal. A liane of Sumatra; in the Peninsula Penang to Malacca in forest.

Urceola malaccensis, *Hook. fil.* K. Lumpur (Curtis). A climbing shrub, endemic, Perak to Singapore, in forest.

Parameria polyneura, *Hook. fil.* Ampang; K. Lumpur. A liane of Burma, Tenasserim, Sumatra and Borneo; in the Peninsula common in forest from Penang to Singapore.

Ischnocarpus ovalifolius, *A. DC.* K. Lumpur (Ridley). A climbing shrub of Indo-Malaya to the Philippines; in the Peninsula common on riverbanks and in secondary growth from Penang to Johore.

Aganosma calycina, *DC.* 15th mile, Ulu Gombak (Forest Dept. 12891). A climbing shrub of Tavoy, rare in the Peninsula, hitherto known only from Gunong Chabang, Perak. (I have seen no other specimens of this, but the Ulu Gombak specimens agree well with the description).

Epigynum Maingayi, *Hook. fil.* K. Lumpur (Ridley). A climbing shrub, endemic, Perak, Pahang, Negri Sembilan and Malacca.

Epigynum Ridleyi, *King and Gamble.* Klang Gates; Rawang. A slender climbing shrub, endemic and rare, known also from Ginting Bidai, Selangor.

Microchites tenuifolia, *Ridl.* K. Lumpur; Sungai Buloh. A slender climbing shrub, endemic, not common in forest, Ginting Bidai and Malacca.

CULTIVATED APOCYNACEÆ.

Allamanda Schottii, *Hook. fil.* Common in gardens. A shrub of South America; in the Peninsula cultivated and occasionally escaping.

Beaumontia grandiflora, *Wall.* (Nepal Trumpet Flower). Public Gardens, K. Lumpur. A shrub of India.

Cerbera odollam, *Gaertn.* Serdang Experimental Plantation (Milsum). A small tree of Indo-Malaya to Polynesia; in the Peninsula not common on seashores.

Dipladenia Harrisii, *Hook. fil.* Public Gardens, K. Lumpur. A climbing shrub of Trinidad; in the Peninsula often cultivated.

Ervatamia coronaria, *Stapf.* Cultivated, fide Foxworthy. A shrub, cultivated in the Peninsula and occurring as an escape. Origin probably North India.

Lochnera rosea, *Reichb.* Cultivated and occasionally escaping. Native of America.

Nerium oleander, *Linn.* Cultivated, fide Foxworthy. A shrub of W. Asia; in the Peninsula cultivated only.

Ochrosia borbonica, *Gmel.* K. Lumpur (Forest Dept.), doubtless cultivated. A small tree of Indo-Malaya; in the Peninsula rare, Pulau Adang and Singapore.

Plumiera acutifolia, *Poir.* (The Frangipanni). A commonly cultivated shrub, native of South America.

Roupellia grata, *Wall.* (Cream Fruit). Public Gardens, K. Lumpur. A shrub of Trop. Africa.

Strophanthus hispidus, *DC.* Public Gardens, K. Lumpur (Forest Dept.). A shrub of Trop. Africa.

ASCLEPIADACEÆ.

Toxocarpus Griffithii, *Dcne.* Batu Caves (Ridley). A slender climber of Mergui; in the Peninsula not common in lowland forest, Perak, Malacca, Johore.

Asclepias curassavica, *Linn.* K. Lumpur (fide Foxworthy). A herb, pantropic, of American origin; in the Peninsula in waste ground, roadsides, etc.

Pentasacme caudatum, *Wall.* Ulu Gombak (Ridley). A slender herb of India and Burma; in the Peninsula common on rocks in mountain streams.

Marsdenia tinctoria, *Br.* Batu Caves; Ulu Gombak. A shrubby herb of Indo-Malaya to the Philippines and China; in the Peninsula Kedah and Perak, perhaps the remains of cultivation.

Pergularia accedens, *Bl.* Seminyih (Hume). A twining shrub of Sumatra and Java, not hitherto recorded from the Peninsula.

Tylophora exilis, *Colebr.* Rantau Panjang (Kloss, fide Ridley). A slender twiner of Assam; in the Peninsula Taiping to Malacca, in forest.

Tylophora longifolia, *Wight.* Rantau Panjang (Hume). A slender twiner of India and Borneo; in the Peninsula usually montane, Taiping Hills and Fraser Hill.

Tylophora tenuis, *Bl.* Batu Caves (Burkill). A slender climber of India to Burma, Java and Borneo; in the Peninsula common on tidal rivers, but also inland.

Heterostemma piperifolium, *King and Gamble.* Batu Caves (Burkill). A twiner, endemic, not common in forest, Perak.

Hoya citrina, *Ridl.* Batu Caves (Ridley). A long climber, endemic, not common, Perak on limestone.

Hoya coronaria, *Bl.* Sungai Buloh (Forest Dept.). A long twiner, widely Malaysian; in the Peninsula common on riverbanks and in mangrove.

Hoya lacunosa, *Bl.* Rawang; Sungai Buloh. A slender epiphyte of W. Malaysia; in the Peninsula Perak, Malacca, Singapore.

Hoya lasiantha, *Korth.* Seminyih; Ulu Gombak. An erect or climbing epiphytic shrub of Lower Siam, Java and Borneo; in the Peninsula not common in forest, Gunong Kerbau, Bujong Malacca.

Hoya multiflora, *Bl.* Seminyih; Ulu Gombak. An erect epiphytic shrub of Indo-Malaya; in the Peninsula common in forest from Penang to Johore.

Hoya occlusa, *Ridl.* Batu Caves (Ridley). A climber, endemic and local, rare.

Hoya parviflora, *Wight*. Ulu Gombak (Hume). A slender twiner of Tenasserim; in the Peninsula not rare, but not often flowering, Setul to Mt. Ophir.

Hoya revoluta, *Wight*. K. Lumpur; ? Ulu Gombak. A slender twiner, endemic, common in forest from Perlis and Kelantan to Singapore.

Dischidia complex, *Griff.* Batu Caves (Ridley). A slender epiphyte, endemic, rare and little known, recorded also from Malacca.

Dischidia hirsuta, *Dcne.* Batu Caves; Ulu Gombak. A slender epiphytic creeper of Indo-Malaya; in the Peninsula common from Penang to Singapore.

LOGANIACEÆ.

Norrisia malaccensis, *Gardn.* Sungai Buloh; Weld's Hill. A tree of Borneo; in the Peninsula common in forest from Perak to Singapore.

Fagraea auriculata, *Jack.* Klang Gates (all collectors). An epiphytic shrub, eventually a small tree, of W. Malaysia to the Philippines and Indo-China; in the Peninsula common in open places from Taiping to Singapore.

Fagraea crenulata, *Maing.* Wild on the Klang Road, cultivated at Circular Rd. Plantation. A tall tree, endemic, not common, Kedah to Malacca by tidal rivers.

Fagraea Maingayi *Clarke.* Bangi; K. Lumpur. A tree, endemic, not common, Ulu Selangor, Negri Sembilan, Malacca.

Fagraea obovata, *Wall.* Kanching; K. Lumpur; ? Ulu Gombak. An epiphytic shrub of Indo-Malaya; in the Peninsula common in forest from Kedah to Singapore.

Fagraea racemosa, *Jack.* Dusun Tua; K. Lumpur; Weld's Hill. A bush of Borneo; in the Peninsula common in open places from Kedah and Trengganu to Singapore.

Fagraea vaginata, *King and Gamble.* Ampang; Rawang. A shrub or small tree of Java; in the Peninsula Taiping to Malacca, in forest.

Cyrtophyllum giganteum, *Ridl.* Rantau Panjang; Sungai Buloh. A tall tree of Sumatra; in the Peninsula Perak to Singapore, in forest.

Cyrtophyllum peregrinum, *Bl.* K. Lumpur; Sungai Buloh. A tree of Indo-China and W. Malaysia to the Philippines; in the Peninsula common in open country.

Strychnos ovalifolia, *Wall.* Sungai Buloh (Forest Dept.). A liane of Borneo; in the Peninsula common in forest.

Strychnos Scortechinii, *A. W. Hill*. K. Lumpur (Curtis). A liane, endemic, Taiping to Malacca, in forest.

Gaertnera ? grisea, *Hook. fl.* Ulu Gombak (Hume).

GENTIANACEÆ.

Canscora pentanthera, *Clarke*. Batu Caves (Ridley). A herb of Lower Siam; in the Peninsula usually on limestone, Langkawi, Kedah Peak, Perak.

Limnanthemum indicum, *Thw.* K. Lumpur, fide Foxworthy. An aquatic herb of Indo-Malaya and China; in the Peninsula in ponds and ditches, Perlis, Langkawi, Malacca, Johore, Singapore.

BORAGINACEÆ.

Tournefortia Wallichii, *DC.* K. Lumpur; Petaling; Seminyih. A climber of W. Malaysia; in the Peninsula common from Penang to Singapore.

Heliotropium indicum, *Linn.* Circular Rd. Plantation (Forest Dept.), and doubtless in other localities. A pantropic herb; in the Peninsula a common weed in waste ground.

CONVOLVULACEÆ.

Erycibe angulata, *Prain*. Batu Caves; Batu Tiga. A liane of Sumatra; in the Peninsula not common in forest, Perak and Malacca.

Erycibe leucoxyloides, *Prain*. K. Lumpur (Curtis). A bushy climber, endemic, Fraser Hill, Johore and Singapore, in open places.

Lettsomia Curtisii, *Prain*. K. Lumpur (Ridley). A climbing shrub, endemic and rare, Taiping.

Lettsomia Kunstleri, *Prain*. Batu Caves; Sungai Buloh; Ulu Gombak. A climbing shrub of Sumatra; in the Peninsula Perak to Malacca, in forest.

Lettsomia Maingayi, *Clarke*. K. Lumpur; Ulu Gombak. A twining shrub, endemic, not uncommon in forest from Perak to Johore.

Lettsomia peguensis, *Clarke*. Batu Caves; Klang Gates; Petaling. A twining shrub of Burma, Tenasserim, Sumatra and Java; in the Peninsula common in forest from Langkawi and Kelantan to Negri Sembilan.

Lettsomia penangiana, *Miq.* Ulu Gombak (Hume). A slender climber, endemic, usually montane in Perak and Selangor.

Lettsomia Ridleyi, *Prain*. Bukit Raja; K. Lumpur. A large twining shrub, endemic, common in forest in Johore and Singapore, and occurring in Negri Sembilan.

Neuropeltis racemosa, *Wall.* Klang Gates (Hume). A climbing shrub of India, Burma and Borneo; in the Peninsula Kedah to Singapore.

Merremia convolvulacea, *Dennst.* K. Lumpur (Ridley). A slender twiner of Trop. Africa, Asia and Australia; in the Peninsula a common weed.

Merremia umbellata, *Hallier.* K. Lumpur (Curtis). A long twiner, pantropic; in the Peninsula common in open places.

Ipomoea sagittaeifolia, *Burm.* Pudu; Rantau Panjang. A slender twiner of S. E. Asia; in the Peninsula common in waste ground.

Lepistemon flavescens, *Bl.* Batu Caves; Sungai Buloh. A climber of Assam to the Philippines; in the Peninsula Penang to Malacca.

CULTIVATED CONVULVACEÆ.

Ipomoea Batatas, *Lam.* (Sweet Potato). Native of America, commonly cultivated in all tropical countries.

Ipomoea pulchella, *Roth.* K. Lumpur, cultivated and running wild. A twiner of India and Indo-China; in the Peninsula cultivated only.

Porana volubilis, *Burm.* Public Gardens, K. Lumpur. A woody climber of Indo-Malaya, Indo-China and the Philippines; in the Peninsula cultivated only.

Quamoclit pinnata, *Boj.* Cultivated and sometimes escaping. A pantropic herb of S. American origin.

SOLANACEÆ.

Solanum Blumei, *Nees.* Batu Caves; Ulu Gombak. A shrub of W. Malaysia; in the Peninsula usually in hill woods, Perak to Johore.

Solanum nigrum, *Linn.* Seminyih (Hume). A herb, pantropic and in temperate regions; in the Peninsula common in waste ground and cultivated.

Solanum torvum, *Sw.* Ampang; Klang Gates; K. Lumpur; Rantau Panjang; Seminyih; Ulu Gombak. A pantropic shrub; in the Peninsula common in waste ground.

Solanum verbascifolium *Linn.* K. Lumpur (Forest Dept., Goodenough). A pantropic shrub; in the Peninsula Kedah and Kelantan to Pulau Tioman, usually in open places.

Capsicum minimum, *Roxb.* Batu Caves, established here (Ridley). A shrubby herb of American origin, cultivated all over the Peninsula.

Physalis minima, *Linn.*, var. *indica*, *Clarke.* Batang Berjuntai; Batu Caves; Pudu; K. Lumpur; Rantau Panjang; Ulu Gombak. A pantropic herb; in the Peninsula common on seashores and in waste ground.

CULTIVATED SOLANACEÆ.

Brunfelsia undulata, Sw. Public Gardens, K. Lumpur (Forest Dept.). A shrub of Jamaica; in the Peninsula occasionally cultivated.

Datura fastuosa, Linn. K. Lumpur, fide Foxworthy. A tall herb of Trop. Africa and S. E. Asia; in the Peninsula cultivated and in waste ground, not native.

Nicotianum tabacum, Linn. (Tobacco). A native of Trop. America, cultivated in all tropical countries.

SCROPHULARIACEÆ.

Adenosma capitatum, Benth. K. Lumpur; Salak. An aromatic herb of S. E. Asia; in the Peninsula common on roadsides and sandy places.

Adenosma coeruleum, R. Br. Batu Caves; Rantau Panjang. An aromatic herb of Trop. Asia to Australia; in the Peninsula common in grassy places.

Herpestis monniera, H. B. & K. Salak South Rd. (Seimund). A succulent herb, pantropic; in the Peninsula in ditches and ricefields, Penang and Kelantan to Singapore.

Limnophila erecta, Benth. Rawang; Sungai Buloh. An erect herb of India, Indo-China, China and Lower Siam; in the Peninsula in wet places from Upper Perak and Kelantan to Negri Sembilan.

Vandellia crustacea, Benth. Ampang; Batang Berjuntai; Klang Gates; Rantau Panjang; Seminyih; Ulu Gombak. A small herb, pantropic; in the Peninsula a common weed.

Vandellia mollis, Benth. Rawang (Ridley). A creeping herb of India to China, Sumatra and Java; in the Peninsula rare, Upper Perak.

Vandellia pedunculata, Benth. Rantau Panjang; Rawang; Ulu Gombak. A herb of S. E. Asia; in the Peninsula common in damp places.

Torenia atropurpurea, Ridl. Ulu Gombak (Hume). A creeping herb, endemic, usually montane, Perak, Selangor.

Torenia mucronulata, Benth. Rantau Panjang (Hume). A creeping herb of Tenasserim; in the Peninsula Penang and Kelantan to Singapore.

Torenia polygonoides, Benth. Klang Gates; Rantau Panjang; Ulu Gombak. A creeping herb of Trop. Asia; in the Peninsula common in grassy places.

Curanga amara, Juss. Batu Caves (Ridley). A creeping herb of Indo-China and Indo-Malaya to the Philippines; in the Peninsula common in shady places, especially in the north.

Bonnaya brachiata, *Link & Otto*. Ulu Gombak (Hume). A small herb of China and Indo-Malaya to the Philippines; in the Peninsula common in wet places.

Bonnaya reptans, *Spreng*. Seminyih; Ulu Gombak. A tufted herb of Indo-Malaya to the Philippines; in the Peninsula common.

Striga hirsuta, *Benth*. Batang Berjuntai; Klang Gates; Seminyih. A herb, parasitic on grass roots, of India, Siam and Java; in the Peninsula common.

Scoparia dulcis, *Linn*. Batang Berjuntai; K. Lumpur; Ulu Gombak. A shrubby herb of American origin, now common in Africa and Indo-Malaya; in the Peninsula common in waste places.

CULTIVATED SCROPHULARIACEÆ.

Angelonia grandiflora, *C. Morr*. K. Lumpur, cultivated or an escape (Goodenough). A herb of America; in the Peninsula occasionally cultivated.

LENTIBULARIACEÆ.

Utricularia albina, *Ridl*. Salak (Seimund). A slender herb of Ceylon and Tenasserim; in the Peninsula not uncommon in ricefields and sandy grassy spots.

Utricularia bifida, *Linn*. Ampang (Hume). A small herb of Indo-Australia, China and Japan; in the Peninsula common in marshes and ricefields.

Utricularia flexuosa, *Vahl*. Ampang (Hume). An aquatic herb of Indo-Australia and Indo-China; in the Peninsula common in ponds and ditches.

GESNERACEÆ.

Aeschynanthus marmorata, *T. Moore*. Ulu Gombak (Hume). A tufted epiphyte of Burma and Siam; in the Peninsula Langkawi, Penang, Upper Perak, in forest.

Aeschynanthus obconica, *Clarke*. K. Lumpur; Sungai Buloh. A creeping epiphyte of Borneo; in the Peninsula Upper Perak to Selangor, in forest.

Aeschynanthus purpurascens, *Hassk*. Ulu Gombak (Hume). An erect epiphyte of W. Malaysia; in the Peninsula common in forest from Kelantan and Perak to Singapore.

Aeschynanthus radicans, *Jack*. Seminyih; Sungai Buloh; Ulu Gombak. A creeping epiphyte of W. Malaysia; in the Peninsula common in forest from Upper Perak and Trengganu to Singapore.

Didissandra breviflora, *Ridl., Kew Bull., 10, 1926, p. 474*. Ulu Gombak (Hume 8437). A herb, endemic and local.

Didymocarpus bombycina, *Ridl.* Ulu Gombak (Hume). A herb, endemic, not common in forest, Upper Perak and Kelantan to Negri Sembilan.

Didymocarpus crinita, *Jack.* Kanching; Seminyih. A woody herb of Sumatra and Borneo; in the Peninsula common in forest from Kedah to Johore.

Didymocarpus Komsobœa, *Clarke.* Ulu Gombak (Hume). A woody herb of Borneo; in the Peninsula Upper Perak and Pahang, in forest, usually above 2000 feet altitude.

Didymocarpus malayana, *Hook. fil.* Rawang; Ulu Gombak. A herb, endemic, common in forest on the Taiping Hills and the Main Range above 1500 feet altitude.

Didymocarpus pectinatus, *Clarke and Oliv.* Rawang (Ridley). A herb, endemic, rare, on limestone in Perak and on Bukit Hitam, Selangor.

Didymocarpus platypus, *Clarke.* Batang Berjuntai; Kajang; Kanching; Klang Gates; K. Lumpur; Kuang; Petaling; Rantau Panjang; Seminyih. A woody herb of Sumatra; in the Peninsula common in forest in the south.

Didymocarpus primulina, *Ridl.* Woods at Klang Gates (Ridley). A herb, endemic and local.

Didymocarpus quinquevulnera, *Ridl.* Batu Tiga; Bukit Raja. A woody herb, endemic, Perak, Pahang, Malacca, in forest.

Didymocarpus reptans, *Jack.* Batang Berjuntai; Dusun Tua (var. *violascens*, *Ridl.*); Kanching; Klang Gates; Rantau Panjang (var. *modesta*, *Ridl.*); Rawang (var. *violascens*); Seminyih; Ulu Gombak (var. *modesta*); Weld's Hill. A creeping herb of Sumatra and Java; in the Peninsula common in forest on the Taiping Hills and the Main Range, the varieties known only from the localities given.

Chirita caliginosa, *Clarke.* Batu Caves (all collectors). A herb, endemic, on limestone from Upper Perak to Selangor.

Boea paniculata, *Ridl.* Batu Caves (Ridley). A woody herb, endemic, limestone rocks in Perak.

Boea verticillata, *Ridl.* Batu Caves (Kelsall, Ridley). A woody herb, endemic and local.

Epithema saxatile, *Bl.* Batu Caves (Ridley). A succulent herb of W. Malaysia; in the Peninsula common on limestone.

Monophyllæa Horsfieldii, *Br.* Batu Caves; Ulu Gombak. A succulent herb of Sumatra and Java; in the Peninsula usually on limestone.

Monophyllæa patens, *Ridl.* Batu Caves (Ridley). A succulent herb, endemic, not common, on limestone, Perak.

Stauranthera umbrosa, *Clarke*. Batu Caves (Ridley). A succulent herb of Assam; in the Peninsula Upper Perak, Perak, Pahang, Johore, in forest.

Cyrtandromœa acuminata, *Benth. and Hook*. Seminyih; Ulu Gombak. A weak shrub of Sumatra; in the Peninsula common in forest in the north.

Cyrtandromœa grandis, *Ridl*. K. Lumpur; Petaling; Seminyih; Sungai Buloh; Ulu Gombak. A large shrub, endemic, Kelantan to Negri Sembilan, in forest.

Cyrtandromœa megaphylla, *Hemsl*. Weld's Hill (Ridley). A large bush, endemic, Kedah, Perak, Pahang, in forest.

Cyrtandra cupulata, *Ridl*. Kanching; Klang Gates; Seminyih; Sungai Buloh; Ulu Gombak. A shrub, endemic, common in forest from Upper Perak and Kelantan to Mt. Ophir.

Cyrtandra falcata, *Ridl*. Near Batu Caves (Ridley). A small epiphytic shrub, endemic, rare, Taiping.

Cyrtandra pendula, *Bl*. Batu Caves; K. Lumpur; Seminyih; Ulu Gombak. A small shrub of Sumatra and Java; in the Peninsula common in forest from Taiping to Singapore.

Cyrtandra pilosa, *Bl*. Seminyih (Hume). A shrub of Tenasserim to New Guinea; in the Peninsula Penang and Upper Perak to Johore, in forest.

BIGNONIACEÆ.

Oroxylum indicum, *Vent*. Weld's Hill (Forest Dept.), and doubtless in other localities. A small tree of Indo-Malaya and Indo-China; in the Peninsula common near rivers and in swamps.

Radermachera amœna, *Seem*. K. Lumpur (Ridley). A tree of Burma, Java and Borneo; in the Peninsula Perlis, Perak, Malacca, Singapore, in open places and secondary growth.

Radermachera stricta, *Zoll. and Mor*. Batu Caves; K. Lumpur; Ulu Gombak. A small tree of Indo-Malaya; in the Peninsula common in forest from Penang and Upper Perak to Singapore.

Diplanthera bancana, *Scheff*. Rantau Panjang (Hume). A tree of Bangka and Borneo; in the Peninsula not very common in forest, Penang to Malacca.

CULTIVATED BIGNONIACEÆ.

Bignonia magnifica, *Bull*. Public Gardens, K. Lumpur. A shrub of New Grenada, occasionally cultivated in the Peninsula.

Crescentia cujete, *Linn.* (The Calabash Tree). K. Lumpur (Forest Dept.). A tree of Trop. America; in the Peninsula occasionally cultivated.

Jacaranda mimosæfolia, *R. Br.* Common in gardens. A small tree of S. America; in the Peninsula often cultivated.

Spathodea campanulata, *Beauv.* Common in gardens and as a roadside tree. A native of Trop. Africa, often cultivated in the Peninsula.

Stereospermum fimbriatum, *DC.* K. Lumpur, cultivated, fide Foxworthy. A tall tree of Burma and Siam; in the Peninsula common north of Malacca.

PEDALINACEÆ, CULTIVATED.

Sesamum indicum, *DC.* (Gingelly Oil plant.) Cultivated and escaping. A herb, cultivated in all tropics.

ACANTHACEÆ.

Thunbergia fragrans, *Roxb.*, var *javanica*, *King and Gamble.* Batang Berjuntai; Batu Caves; Klang Gates. A twining herb of Indo-Australia; in the Peninsula the species cultivated and perhaps wild in the north, the var. common on limestone and in villages.

Thunbergia laurifolia, *Lindl.* K. Lumpur, fide Foxworthy. A liane of Burma; in the Peninsula common in the north, in forest or open places.

Staurogyne angustifolia, *Wall.* Ulu Gombak (Ridley.) A herb of Tenasserim; in the Peninsula not common in forest, Perak and Malacca.

Staurogyne comosa, *Kuntze.* Rawang; Sungai Buloh. A woody herb, endemic, Penang and Upper Perak to Selangor, in forest.

Staurogyne Griffithiana, *Kuntze.* Seminyih; Ulu Gombak. A creeping herb, endemic, common in forest from Upper Perak and Kelantan to Singapore.

Staurogyne Kingiana, *Clarke.* Klang Gates; Ulu Gombak. A herb of Lingga; in the Peninsula Kedah to Johore, in forest.

Staurogyne longispica, *Ridl.* Ulu Gombak (Hume, Ridley). A herb, endemic and rare in forest, Bukit Tangga (Negri Sembilan).

Staurogyne longifolia, *Kuntze.* Batang Berjuntai; Batu Caves; K. Lumpur; Kuang; Ulu Gombak. A herb, endemic, usually in hill forest, Upper Perak to Johore.

Staurogyne setigera, *Kuntze.* Batang Berjuntai; K. Lumpur; Rawang. A herb of W. Malaysia; in the Peninsula common.

***Ruellia repens*, Linn.** K. Lumpur; Rantau Panjang; Seminyih; Ulu Gombak. A small herb of Indo-Malaya and China; in the Peninsula common in grass.

***Aporuella sumatrensis*, Clarke, var. *Ridleyi*, Clarke.** Batu Caves (Ridley, Curtis). A herb, the species of Sumatra, the var, endemic and rare, known only from this locality.

***Hygrophila angustifolia*, R. Br.** Batu Caves; K. Lumpur. A herb of Indo-Malaya, China and Japan; in the Peninsula common in wet places.

***Hygrophila phlomoides*, Nees.** Batu Caves; Pudu; Ulu Gombak. A herb of Indo-China, Borneo and the Philippines; in the Peninsula common in wet places.

***Hygrophila quadrivalvis*, Nees.** Salak South Rd. (Seimund). A stout herb of Indo-Malaya and Indo-China; in the Peninsula common in marshes.

***Gymnostachyum Ridleyi*, Clarke.** Rawang (Ridley). A tall shrub, endemic and rare, Bujong Malacca (Perak).

***Lepidagathis longifolia*, Wight.** Bukit Raja; K. Lumpur; Petaling; Sungai Buloh; Ulu Gombak. A shrubby herb of Lingga; in the Peninsula common in forest from Perak to Johore.

***Pseuderanthemum candidum*, Ridl.** Ulu Gombak (Ridley). A small shrub, endemic and local.

***Pseuderanthemum ?caudifolium*, Ridl.** Ulu Gombak (Hume).

***Pseuderanthemum crenulatum*, Radlk.** Batu Caves; K. Lumpur; Seminyih; Ulu Gombak. A small shrub of Burma, Siam, Tenasserim and Indo-China; in the Peninsula common in forest.

***Pseuderanthemum graciliflorum*, Ridl.** Klang Gates; Rantau Panjang; Sungai Buloh; Ulu Gombak. A bush of Lower Siam; in the Peninsula common in forest and often cultivated.

***Pseuderanthemum lilacinum*, Stapf.** Batu Caves (Ridley). Ridley believes this to be *P. Teysmanni* altered by cultivation (Ridl. Flor. Malay Pen. Vol. II, p. 591).

***Pseuderanthemum selangorense*, Ridl.** Batu Caves; Klang Gates; K. Lumpur; Sungai Buloh. A shrub, endemic, not common in forest, Upper Perak, Ulu Selangor, Bukit Hitam.

***Pseuderanthemum sylvestre*, Ridl.** Sungai Buloh (Ridley). A shrub, endemic and local.

***Pseuderanthemum Teysmanni*, Ridl.** Batu Caves; Seminyih; Sungai Buloh. A sarmentose shrub, endemic and common in forest from Upper Perak to Johore.

Calophanoides quadrifaria, *Ridl.* Batu Caves (Curtis). A small shrub of India, Tenasserim, Sumatra and China; in the Peninsula Upper Perak, Kelantan, Singapore, by river-banks.

Justicia ?*Maingayi*, *Clarke.* Ulu Gombak (Hume).

Justicia microcarpa, *Ridl.* Batu Caves (Ridley). A weak herb, endemic and local.

Justicia ptychostoma, *Nees.* Batu Caves (Ridley.) A herb, endemic, common from Perlis to Malacca in open country.

Justicia subcymosa, *Clarke.* Batu Caves; Dusun Tua; Seminyih. A herb, endemic, common in the north, in forest and secondary growth.

Justicia trichodes, *Ridl., Kew Bull, 10, 1926, p. 475.* Seminyih (Hume 7816, 8165). A herb, endemic and local.

Justicia uber, *Clarke.* Batu Caves; Seminyih; Ulu Gombak. A fleshy herb, endemic and common in forest, Upper Perak and Kelantan to Malacca.

Ptyssiglottis chrysea, *Ridl.* Rantau Panjang (Hume); Ulu Gombak (Ridley). A woody herb, endemic and local in forest, rare.

Polytrema æquale, *Ridl.* Batu Caves (Ridley). A herb, endemic, not common in forest, Bukit Besar (Rahman), Gunong Senyum (Pahang), Bukit Tangga (Negri Sembilan).

Polytrema vulgare, *Clarke.* K. Lumpur (Curtis). A shrubby herb of Lower Siam; in the Peninsula Penang and Upper Perak to Johore in forest.

Peristrophe acuminata, *Nees.* Klang Gates; Rantau Panjang; Seminyih; Ulu Gombak. A herb of Indo-Malaya; in the Peninsula common by roadsides and in waste ground.

CULTIVATED ACANTHACEÆ.

Barleria prionitis, *Linn.* K. Lumpur, cultivated or escaping (Forest Dept.). A herb of Africa and India; in the Peninsula cultivated and perhaps wild in Perlis.

Gendarussa vulgaris, *Nees.* Cultivated, fide Foxworthy. A bush of S. E. Asia; in the Peninsula common in or near cultivation.

Graptophyllum hortense, *Nees.* Common in gardens. A shrub of unknown origin, cultivated throughout India and Malaya.

Jacobinia magnifica, *Benth. and Hook.* Weld's Hill (Forest Dept.), cultivated or an escape. A shrub of Brazil.

Sanchezia nobilis, *Hook. fil.* Public Gardens, K. Lumpur (Forest Dept.). A shrub of Ecuador, occasionally cultivated in the Peninsula.

Thunbergia grandiflora, *Roxb.* Public Gardens, K. Lumpur (Forest Dept.). A long climber of India; in the Peninsula cultivated and occasionally escaping.

VERBENACEÆ.

Lantana aculeata, *Linn.* Klang Gates; K. Lumpur; Pudu; Ulu Gombak; and doubtless in all the other localities. A prickly bush, pantropic, of S. American origin; in the Peninsula very common in open places and waste ground.

Lippia nodiflora, *Mich.* Salak South Rd. (Seimund). A creeping herb, pantropic; in the Peninsula occasional in waste ground.

Stachytarpheta indica, *Vahl.* K. Lumpur; Rantau Panjang. A small shrub of Indo-Malaya; in the Peninsula common, often on seashores and sandy places.

Stachytarpheta jamaicensis, *Vahl.* K. Lumpur; Pudu; Seminyih; Ulu Gombak, and doubtless in most of the other localities. A shrub, pantropic, of S. American origin; in the Peninsula a common weed.

Geunsia farinosa, *Bl.* Klang Gates; K. Lumpur; Petaling; Rantau Panjang; Rawang; Seminyih; Ulu Gombak. A tree of Indo-Malaya to the Philippines and Moluccas; in the Peninsula common in open country.

Callicarpa angustifolia, *King and Gamble.* Batu Caves (Ridley). A shrub, endemic on limestone in Langkawi and Perak.

Callicarpa longifolia, *Lam.* Ampang; Batang Berjuntai; Batu Caves; Klang Gates; K. Lumpur; Rantau Panjang; Seminyih; Ulu Gombak. A shrub of Sumatra to N. Australia; in the Peninsula common in open places and secondary growth from Langkawi to Singapore.

Callicarpa Maingayi, *King and Gamble.* Ulu Gombak (Hume). A tree, endemic, not common in forest in Selangor, Pahang and Malacca.

Premna pyramidata, *Wall.* Dusun Tua (Ridley). A tree of Burma, Java and Timor; in the Peninsula Langkawi to Negeri Sembilan, in forest.

Clerodendron deflexum, *Wall.* Batu Caves; Klang Gates; Rantau Panjang; Seminyih; Ulu Gombak; Weld's Hill. A shrub, endemic and common in forest from Penang and Upper Perak to Singapore.

Clerodendron disparifolium, *Bl.* Kanching; Rawang; Ulu Gombak. A small tree of W. Malaysia; in the Peninsula common.

Clerodendron paniculatum, *Linn.* K. Lumpur; Ulu Gombak. A tall shrub of Java; in the Peninsula common in waste ground and often cultivated.

Clerodendron penduliflorum, *Wall.* Batu Caves (Ridley). A small shrub of Burma and the Nicobar Islands; in the Peninsula not rare in open country in the north.

Clerodendron Ridleyi, *King and Gamble.* Batu Tiga (Ridley). A shrub or small tree of Borneo; in the Peninsula rare, Larut.

Clerodendron serratum, *Spreng.* Pudu; Weld's Hill. A shrub of Indo-Malaya and Indo-China; in the Peninsula common in open country in the north.

Clerodendron umbratile, *King and Gamble.* Seminyih (Hume). A shrub of Sumatra; in the Peninsula usually in montane forest, Taiping Hills to Malacca.

Clerodendron villosum, *Bl.* Weld's Hill (Forest Dept.). A shrub of Indo-Malaya to the Philippines; in the Peninsula common in waste ground.

Vitex gamosepala, *Griff.* Ampang; K. Lumpur; Rantau Panjang; Ulu Gombak. A small tree of Sumatra and Borneo; in the Peninsula Perak and Trengganu to Singapore, in forest.

Vitex heterophylla, *Roxb.* Ulu Gombak (Forest Dept.). A tree of Indo-Malaya; in the Peninsula not common in forest, Perak.

Vitex longisepala, *King and Gamble.* Dusun Tua; Kanching; Klang Gates; Rantau Panjang; Rawang; Seminyih. A small tree, endemic, common in forest from Penang to Malacca.

Vitex Negundo, *Linn.* Kajang (Forest Dept.). A shrub of Indo-Malaya; in the Peninsula not common in waste ground, probably introduced (Ridley).

Vitex pubescens, *Vahl.* Bangi; Batang Berjuntai; Bukit Belachan; Bukit Cheraka; Bukit Puteh; K. Lumpur; Sungai Buloh. A tree of Indo-Malaya to the Philippines; in the Peninsula common in open country from Perlis to Singapore.

Vitex siamica, *Williams.* Batu Caves (Ridley). A small tree, endemic on limestone, Langkawi and Perak.

Vitex trifolia, *Linn.* K. Lumpur; Salak South Rd. A shrub or small tree of Indo-Australia and Japan; in the Peninsula Langkawi to Singapore in open places and seashores.

Vitex vestita, *Wall.* Batu Caves; Bukit Cheraka; Batu Tiga; Klang Gates; K. Lumpur; Rawang; Ulu Gombak. A small tree of Burma, Sumatra and Borneo; in the Peninsula common in forest.

Peronema canescens, *Jack*. K. Lumpur (Forest Dept.). A shrub or tree of W. Malaysia; in the Peninsula common from Penang and Kelantan to Singapore, usually on river-banks.

Sphenodesme pentandra, *Jack*. Ulu Gombak (Forest Dept.). A climbing shrub of India, Siam and Borneo; in the Peninsula common in open places and forest edges.

Sphenodesme triflora, *Wight*. K. Lumpur; Sungai Buloh. A climber or erect shrub of Sumatra and Borneo; in the Peninsula common from Langkawi to Johore in forest and secondary growth.

CULTIVATED VERBENACEÆ.

Clerodendron fragrans, *R. Br.* A shrub of Chinese origin, cultivated and run wild in the Peninsula.

Clerodendron siphonanthus, *Br.* Batu Tiga; Public Gardens, K. Lumpur. A shrub of Indo-Malaya; wild in Kedah, Perak and Pahang, and often cultivated and escaping.

Clerodendron Thomsonæ, *Balf.* Common in gardens. A climber of Africa; in the Peninsula often cultivated.

Congea velutina, *Wight*. Common in gardens. A climbing shrub of Burma and Siam; in the Peninsula often cultivated.

Duranta Plumieri, *Jacq.* K. Lumpur, fide Foxworthy. A shrub of South America.

Faradaya papuana, *Scheff.* Public Gardens, K. Lumpur. A climber of New Guinea, occasionally cultivated in the Peninsula.

Holmskioldia sanguinea, *Retz.* Public Gardens, K. Lumpur (Forest Dept.). A climbing shrub of the Eastern subtropical Himalaya; in the Peninsula occasionally cultivated.

Stachytarpheta mutabilis, *Vahl.* K. Lumpur (Ridley). A shrub of Trop. America; in the Peninsula cultivated only.

Tectona grandis, *Linn.* (Teak). Occasionally cultivated. Native of India, Burma, Siam, Sumatra and Java (fide King and Gamble), not wild in the Peninsula.

LABIATÆ.

Hyptis brevipes, *Poit.* Batu Caves; K. Lumpur; Rawang; Seminyih; Ulu Gombak. A pantropic herb of S. American origin; in the Peninsula common in open places and waste ground.

Hyptis suaveolens, *Poit.* Klang Gates; K. Lumpur; Rantau Panjang; Ulu Gombak. A pantropic herb of S. American origin; in the Peninsula a very common weed.

Coleus atropurpureus, *Benth.* K. Lumpur (Ridley). A herb of W. Malaysia to Polynesia; in the Peninsula common in open places.

Pogostemon Heyneanus, *Benth.* Rawang (Ridley). An aromatic herb of Indo-Malaya to the Philippines; in the Peninsula by riverbanks in Upper Perak, Pahang, Negri Sembilan and Johore.

Dysophylla auricularia, *Bl.* Batang Berjuntai; Rantau Panjang; Seminyih; Ulu Gombak. A herb of S. E. Asia; in the Peninsula common in open places.

Anisomeles ovata, *R. Br.* K. Lumpur; Ulu Gombak road. A stout herb of Indo-Malaya and China; in the Peninsula not very common in waste ground.

Leucas zeylanica, *R. Br.* Ampang; Batang Berjuntai; Klang Gates; K. Lumpur; Seminyih; Ulu Gombak; and doubtless in all the other localities. A herb of S. E. Asia; in the Peninsula a very common weed.

Leonurus sibiricus, *Linn.* Pudu (Goodenough); cultivated, fide Foxworthy. A pantropic herb; in the Peninsula in waste ground and often cultivated.

Gomphostemma crinitum, *Wall.* Batu Caves (var. *Griffithii*, *Prain*); Ulu Gombak. A woody herb of Tenasserim; in the Peninsula common in forest above 1,000 feet altitude.

Gomphostemma oblongum, *Wall.* Seminyih (Hume). A large woody herb of India and Indo-China; in the Peninsula Kedah, Perak, Pahang, Johore, not very common in forest.

Gomphostemma Scortechinii, *Prain.* Seminyih (Hume). A woody herb of Tenasserim; in the Peninsula not common in forest, Taiping Hills and Kelantan.

Acrymia ajugiflora, *Prain.* Kanching, on limestone (Ridley). A creeping undershrub, rare, Perak.

CULTIVATED LABIATÆ.

Mentha javanica, *Bl.* Cultivated, fide Foxworthy. A herb of Ceylon and the Malay Islands, probably only a form of the cultivated mint (Ridley).

Ocimum basilicum, *Linn.* K. Lumpur (Ridley). A small bushy shrub, pantropic; in the Peninsula cultivated only.

Ocimum sanctum, *Linn.* Cultivated, fide Foxworthy. A small herb, pantropic; in the Peninsula cultivated, doubtfully wild.

Pogostemon Cablin, *Benth.* (Patchouli). A strongly scented herb, not known in a wild state, widely cultivated in Indo-Malaya.

Salvia coccinea, *Juss.* Common in gardens. A herb of America; cultivated in Africa and S. E. Asia.

NYCTAGINACEÆ, CULTIVATED.

Bougainvillæa glabra, *Choisy.* Common in gardens. A scrambling shrub of Brazil, often cultivated in the Peninsula.

AMARANTACEÆ.

Celosia argentea, *Linn.* Pudu (Hume). A pantropic herb; in the Peninsula in waste ground, Upper Perak, Kelantan, Pahang, Singapore.

Amaranthus caudatus, *Linn.* K. Lumpur (Ridley). A pantropic herb; in the Peninsula cultivated and wild in waste ground.

Amaranthus gangeticus, *Linn.* Seminyih (Hume). A cosmopolitan herb; in the Peninsula a weed of cultivation.

Amaranthus spinosus, *Linn.* K. Lumpur; Pudu; Ulu Gombak. A herb, pantropic; in the Peninsula a common weed from Penang to Singapore.

Amaranthus viridis, *Linn.* K. Lumpur; Rantau Panjang; Ulu Gombak. A cosmopolitan herb; in the Peninsula very common in waste ground.

Cyathula prostrata, *Bl.* Batu Caves; Klang Gates; K. Lumpur; Sungai Buloh (var. major, *Ridl.*); Seminyih; Ulu Gombak. A pantropic herb; in the Peninsula very common in open places and waste ground.

Acryanthus aspera, *Linn.* K. Lumpur, fide Foxworthy. A woody herb of the Tropics of the Old World; in the Peninsula common in open places and waste ground from Penang to Singapore.

Alternanthera sessilis, *Brown.* Ampang; K. Lumpur; Ulu Gombak. A prostrate herb, pantropic; in the Peninsula very common in waste ground.

CULTIVATED AMARANTACEÆ.

Amaranthus paniculatus, *Linn.* K. Lumpur (Ridley). A North American herb, cultivated in the Peninsula.

Celosia cristata, *Linn.* ("Cock's comb"). A pantropic herb of unknown origin, often cultivated in the Peninsula as an ornamental plant.

POLYGONACEÆ.

Polygonum barbatum, *Linn.* K. Lumpur; Ulu Gombak. A herb of the Tropics of the Old World; in the Peninsula common in wet places.

Polygonum flaccidum, *Meissn.* K. Lumpur (Good-enough). A tall herb of Indo-Malaya and China; in the Peninsula in damp places in Kelantan, Perak, Pahang and Negri Sembilan.

Polygonum minus, *Huds.* K. Lumpur; Petaling. A slender herb of Europe, Asia and Australia; in the Peninsula not uncommon in wet places.

Polygonum pedunculare, *Wall.* Batu Caves; Dusun Tua; Klang Gates; K. Lumpur. An aquatic herb of Indo-Australia and China; in the Peninsula common in ponds and ditches.

CULTIVATED POLYGONACEÆ.

Antigonon leptopus, *Hook. and Arn.* (Honolulu creeper). Common in gardens. A climber of Tropical Africa; in the Peninsula much cultivated.

ARISTOLOCHIACEÆ.

Apama corymbosa, *Soler.* Batang Berjuntai; Batu Caves; Bukit Raja; Kanching; Klang Gates; K. Lumpur; Seminyih; Ulu Gombak. A shrub of Sumatra; in the Peninsula common in forest from Penang to Malacca.

Thottea dependens, *Klotzsch.* Pudu (Hume). A shrub, endemic, not very common in forest, Penang to Singapore.

Thottea grandiflora, *Rottb.* Ulu Gombak; Weld's Hill. A shrub of Borneo; in the Peninsula common in forest in the south.

Aristolochia Tagala, *Cham.* Dusun Tua (Ridley). A slender climber of Indo-Malaya to the Philippines; in the Peninsula common from Penang and Kelantan to Malacca, in open places.

NEPENTHACEÆ.

Nepenthes ampullaria, *Jack.* Rantau Panjang (Kloss, fide Ridley). A climbing shrub of Sumatra, Borneo and the Philippines; in the Peninsula common in the lowlands from Penang to Singapore.

Nepenthes angustifolia, *Mast.* Rantau Panjang (Kloss, fide Ridley). A creeping plant of Borneo; in the Peninsula rare, known only from this locality. Ridley, *Flor. Mal. Pen.* V. p. 327, suspects this to be a young prostrate form of one of the lowland species.

PIPERACEÆ.

Peperomia dindigulensis, *Miq.* Batu Caves (Ridley). A small succulent herb of South India; in the Peninsula rare on limestone, Kota Glanggi (Pahang).

Peperomia pellucida, *Korth.* K. Lumpur; Seminyih; Ulu Gombak. A pantropic herb of S. American origin; in the Peninsula common in waste ground.

Peperomia portulacoides, *A. Dietr.* Batu Caves (Ridley). A succulent herb of India and the Mascarene Islands; in the Peninsula rare, known only from this locality.

Piper argyrites, *Ridl.* Batu Caves (Ridley). A stout climbing shrub, endemic and rare in forest, Ginting Bidai.

Piper boehmeriaefolium, *Wall.* Ulu Gombak (Hume). An erect shrub of E. Himalaya to Siam; in the Peninsula in forest in Perak, Pahang and Negri Sembilan.

Piper caninum, *Bl.* Batu Caves; Rantau Panjang; Seminyih; Ulu Gombak; Weld's Hill. A slender climbing shrub of Indo-Malaya to the Philippines; in the Peninsula common in forest.

Piper Curtisii, *C. DC.* K. Lumpur; Ulu Gombak. A climbing shrub, endemic, Upper Perak to Johore, in forest.

Piper Kurzii, *Ridl.* Batu Caves (Ridley). An erect shrub of Burma; in the Peninsula rare, Upper Perak and Kelantan.

Piper Maingayi, *Hook. fil.* Dusun Tua (Ridley). A climbing shrub, endemic, not common in forest, Klang, Malacca, Singapore.

Piper malaccense, *C. DC.* Sungai Buloh (Ridley). An erect small shrub, endemic, not common in forest, Malacca and Johore.

Piper miniatum, *Bl.* Seminyih (Hume). A climbing shrub of Java; in the Peninsula common in forest from Langkawi to Singapore.

Piper muricatum, *Bl.* K. Lumpur; Rantau Panjang; Seminyih; Ulu Gombak. A shrubby herb of W. Malaysia; in the Peninsula common in forest from Upper Perak to Johore.

Piper pachyphyllum, *Hook. fil.* Ulu Gombak (Ridley). A climbing shrub, endemic, common in forest but seldom flowering.

Piper pedicellosum, *Wall.* Public Gardens, K. Lumpur, (Forest Dept.). A climbing pepper of Assam and Tenasserim; in the Peninsula Upper Perak to Singapore in forest.

Piper porphyrophyllum, *N. E. Br.* Batu Caves; Klang Gates; Petaling; Seminyih; Ulu Gombak; Weld's Hill. A slender climber of Borneo; in the Peninsula common in forest, but seldom flowering.

Piper ramipilum, *C. DC.* Ulu Gombak (Hume). A creeping shrub, endemic, Penang and Upper Perak to Singapore, in forest.

Piper ribesioides, *Wall.* ?Klang Gates; Rawang; ?Seminyih. A creeping shrub of Tenasserim and Sumatra; in the Peninsula common in forest from Langkawi to Singapore.

Piper Ridleyi, *C. DC.* Ulu Gombak (Hume). A shrub, endemic, usually montane, Upper Perak to Singapore.

Piper stylosum, *Miq.* Batang Berjuntai; Batu Caves; Bukit Raja; Kajang; Klang Gates; K. Lumpur; Seminyih; Sungai Buloh; Ulu Gombak. An erect small shrub of Sumatra and Borneo; in the Peninsula common in forest from Upper Perak and Kelantan to North Johore.

Piper subpenninerve, *Ridl.* Batu Caves (Curtis). A climber of Tenasserim; in the Peninsula rare in forest, Perak and the Dindings.

Piper umbellatum, *Linn.* Batu Caves; Ulu Gombak. A pantropic shrub, common in the Peninsula in forest.

CULTIVATED PIPERACEÆ.

Piper Betle, *Linn.* Batu Caves; K. Lumpur; Ulu Gombak. A climbing shrub, extensively cultivated in S. E. Asia.

Piper nigrum, *Linn.* (Black Pepper). A native of South India, not wild in the Peninsula.

CHLORANTHACEÆ.

Chloranthus officinalis, *Bl.* Batu Caves; Ulu Gombak. A small shrub of Indo-Malaya to the Philippines and New Guinea, and China; in the Peninsula common in forest from Langkawi to Singapore.

MYRISTICACEÆ.

Horsfieldia amygdalina, *Warb.* Sungai Buloh (Forest Dept.). A small tree of India, Burma and Tenasserim; in the Peninsula rare in forest, Penang Hill and Singapore.

Horsfieldia Lehmanniana, *Warb.* Public Gardens, K. Lumpur (Forest Dept.). A tree, endemic, Perak to Singapore in forest.

Horsfieldia majuscula, *Warb.* Klang Gates; Rawang. A tree of Lower Siam; in the Peninsula Penang to Singapore in forest.

Horsfieldia subglobosa, *Warb.* Public Gardens, K. Lumpur (Forest Dept.). A tree of Sumatra; in the Peninsula not common in forest, Perak, Malacca, Johore.

Horsfieldia superba, *Warb.* Ulu Gombak; Weld's Hill. A tall tree, endemic, Penang to Singapore, in forest.

Horsfieldia tomentosa, *Warb.* Weld's Hill (Forest Dept.). A small tree of Borneo; in the Peninsula not uncommon in forest from Penang to Singapore.

Horsfieldia Wallichii, *Warb.* Public Gardens, K. Lumpur; Rantau Panjang. A tree, endemic, not common in forest, Province Wellesley, Negri Sembilan, Singapore.

Gymnacranthera Farquhariana, *Warb.* Batu Tiga (Curtis). A tree, endemic, common in forest from Penang to Singapore.

Gymnacranthera Forbesii, *Warb.* Klang Gates; K. Lumpur; Ulu Gombak. A tree of Sumatra; in the Peninsula common in the lowlands from Penang to Singapore.

Myristica crassa, *King.* Sungai Buloh; Weld's Hill. A tree, endemic, Taiping to Singapore in forest.

Myristica cinnamomea, *King.* Kanching; Sungai Buloh; Ulu Gombak. A tree, endemic and common in forest.

Myristica elliptica, *Wall.* Sungai Buloh; Ulu Gombak. A tree of Sumatra and Borneo; in the Peninsula common in forest.

Myristica ?maxima, *Warb.* Weld's Hill (Forest Dept. 1802).

Knema Cantleyi, *Warb.* Klang Gates; Sungai Buloh; Weld's Hill. A tree, endemic, not common in forest, Penang, Perak, Selangor, Singapore.

Knema conferta, *Warb.* Weld's Hill (Forest Dept.). A small tree of Tenasserim, Siam and Borneo; in the Peninsula common in forest from Penang to Singapore.

Knema ?Curtisii, *Warb.* Batu Caves (Forest Dept. 6445).

Knema furfuracea, *Warb.* Weld's Hill; Klang Gates. A small tree of Sumatra and Borneo; in the Peninsula common in forest from Penang to Singapore.

Knema Hookeriana, *Warb.* Bukit Raja; Klang Gates. A small tree of Sumatra and Borneo; in the Peninsula common in the lowlands from Langkawi to Singapore.

Knema Kunstleri, *Warb.* K. Lumpur; Ulu Gombak. A small tree, endemic, Taiping to Malacca, in forest.

Knema laurina, *Warb.* K. Lumpur; Seminyih; Ulu Gombak. A tree of W. Malaysia; in the Peninsula common in forest from Penang and Kelantan to Singapore.

Knema malayana, *Warb.* Klang Gates; K. Lumpur. A tree of Burma and Tenasserim; in the Peninsula common in forest from Penang to Singapore.

Knema missionis, *Warb.* K. Lumpur; Ulu Gombak. A tree of Burma, Tenasserim and Borneo; in the Peninsula common in forest from Setul to Singapore.

Knema oblongifolia, *Warb.* Weld's Hill (Forest Dept.). A shrub or small tree, endemic, Penang to Singapore, in forest.

Knema Wrayi, *Warb.* K. Lumpur; Ulu Gombak. A small tree, endemic, Taiping to Singapore, in forest.

CULTIVATED MYRISTICACEÆ.

Myristica fragrans, *Linn.* (The Nutmeg). Public Gardens, K. Lumpur (Forest Dept.). A tree, native of the Moluccas, cultivated occasionally in the Peninsula.

MONIMIACEÆ.

Matthaea sancta, *Bl.* Klang Gates (Ridley). A shrub or small tree of Borneo; in the Peninsula Taiping Hills to Singapore, in forest.

Kibara chartacea, *Bl.* Seminyih; Ulu Gombak. A shrub of Sumatra; in the Peninsula Penang to Malacca, in forest.

Kibara coriacea, *Tul.* K. Lumpur (Forest Dept.). A small tree of Java; in the Peninsula rare in forest, Penang and Perak.

LAURACEÆ.

Cryptocarya areolata, *Gamble.* Weld's Hill (Forest Dept.). A tree, endemic, not common in forest, Perak and Ulu Selangor.

Cryptocarya crassinervia, *Miq.* Sungai Buloh (Forest Dept., fide Ridley). A tree of Sumatra and Borneo; in the Peninsula not common in forest, Perak and the Dindings.

Cryptocarya ?ferrea, *Bl.* Seminyih (Hume 7901).

Cryptocarya Griffithiana, *Wight.* K. Lumpur; Sungai Buloh. A tall tree of Tenasserim, Sumatra and Borneo; in the Peninsula common in forest from Perak to Singapore.

Cryptocarya tenuifolia, *Ridl.* Ulu Gombak (Ridley). A tree, endemic and local.

Beilschmiedia longipedicellata, *Ridl., Kew Bull., 10, 1926, p. 475.* Seminyih (Hume 8432). A small tree, endemic and local.

Beilschmiedia Maingayi, *Hook. fil.* Ulu Gombak (Hume 9267). A tree, endemic, not common in forest, Perak, the Dindings, Malacca.

Beilschmiedia perakensis, *Gamble.* Weld's Hill (Forest Dept.). A shrub or tree, endemic, not common in forest, Perak.

Dehaasia cuneata, *Bl.* K. Lumpur; Ulu Gombak. A tree of Burma, Sumatra and Java; in the Peninsula, Adang Islands, Perak and the Dindings, in forest.

Dehaasia Curtisii, *Gamble*. Batu Caves (Kelsall). A small tree, endemic and rare, Penang.

Dehaasia elliptica, *Ridl.* Bukit Cheraka Forest Reserve (Forest Dept. 3462); Public Gardens, K. Lumpur (Forest Dept. 2456, 4760, 4884, 4914); Ulu Gombak (Hume 9306). A tree, endemic and local

Dehaasia microcarpa, *Bl.* Ulu Gombak (Forest Dept.). A small tree of Sumatra, Java and Borneo; in the Peninsula common in forest.

Dehaasia nigrescens, *Gamble*. Klang Gates (Ridley). A small tree, endemic, not common in forest, Penang and Singapore.

Endiandra Maingayi, *Hook. fil.* Public Gardens, K. Lumpur (Forest Dept.). A tree, endemic, Perak and Malacca, in forest.

Endiandra praeclara, *Gamble*. Sungai Buloh (Forest Dept.). A tree, endemic, not common in forest, Penang and Perak.

Cinnamomum iners, *Reinw.* K. Lumpur. A small tree of Indo-Malaya to the Philippines; in the Peninsula common in open places.

Cinnamomum mollissimum, *Ridl.* Weld's Hill (Forest Dept.). A shrub or small tree, endemic, Penang to Negri Sembilan, in forest.

Cinnamomum paraneuron, *Miq.* Weld's Hill (Forest Dept.). A tree of Sumatra; in the Peninsula apparently not uncommon.

Alseodaphne peduncularis, *Hook. fil.* K. Lumpur; Petaling; Rantau Panjang; Sungai Buloh. A shrub or small tree, endemic, common in forest.

Alseodaphne Ridleyi, *Gamble*. Weld's Hill (Forest Dept.). A tree, endemic and rare in forest, Semangkok Pass.

Nothaphoebe umbelliflora, *Bl.* Sungai Buloh; Weld's Hill. A tree of Siam to Borneo; in the Peninsula common in forest from Penang to Singapore.

Phoebe cuneata, *Bl.* Weld's Hill (Forest Dept.). A tree of Java; in the Peninsula Penang to Singapore, in forest.

Phoebe macrophylla, *Bl.* Ampang; Ulu Gombak. A small tree of Java; in the Peninsula not common in forest, Perak, the Dindings and Singapore.

Phoebe opaca, *Bl.* Kepong; Sungai Buloh; Weld's Hill. A tree of W. Malaysia; in the Peninsula not uncommon in forest from Penang to Singapore.

Actinodaphne Maingayi, *Hook. fil.*, var. *elliptica*, *Gamble* Damansara Road, K. Lumpur (Ridley). A tree of ?Borneo; in the Peninsula Perak to Singapore in forest.

Actinodaphne sesquipedalis, *Hook. fil.* Weld's Hill (Forest Dept.). A tree of Tenasserim, Lower Siam and Borneo; in the Peninsula Penang, Perak and Pahang, in forest.

Litsea amara, *Bl.* Kepong; Klang Gates (var. *fuscotomentosa*, *Meissn.*); Petaling; Seminyih; Sungai Buloh (var. *angusta*, *Meissn.*); Ulu Gombak; Weld's Hill (var. *attenuata*, *Gamble*, and var. *angusta*, *Meissn.*). A shrub or small tree of Indo-Malaya; in the Peninsula common in forest and open country from Langkawi to Singapore.

Litsea angulata, *Bl.* Batu Caves (Ridley). A tree of Java; in the Peninsula rare in forest, Taiping Hills.

Litsea castanea, *Hook. fil.* K. Lumpur; Rantau Panjang. A tall tree, endemic, Taiping to Malacca, in forest.

Litsea citrata, *Bl.* Ulu Gombak (Hume). A small tree of Indo-Malaya and China; in the Peninsula in clearings in hill forest, Perak, Pahang and Selangor.

Litsea firma, *Hook. fil.* K. Lumpur; Sungai Buloh. A tree of Sumatra, Borneo and Celebes; in the Peninsula common in forest from Taiping to Singapore.

Litsea grandis, *Hook. fil.* K. Lumpur (Forest Dept.). A tree of Burma and Java; in the Peninsula common in open country.

Litsea Griffithii, *Gamble*. Batang Berjuntai; Weld's Hill. A tree of Sumatra; in the Peninsula common in forest from Taiping to Singapore.

Litsea johorensis, *Gamble*. Seminyih (Hume). A tree, endemic, not common in forest, Pahang, Negri Sembilan, Johore.

Litsea lancifolia, *Hook. fil.* K. Lumpur (Curtis). A bush or small tree of Indo-Malaya and China; in the Peninsula Perak to Singapore, in forest.

Litsea machilifolia, *Gamble*. Batang Berjuntai; Rantau Panjang. A tree, endemic in lowland forest from Penang to Singapore.

Litsea magnifica, *Gamble*. Weld's Hill (Forest Dept.). A small tree of Sumatra; in the Peninsula not very common in forest, Penang, Pahang, Malacca.

Litsea megacarpa, *Gamble*. Dusun Tua; Klang Gates; Rantau Panjang. A tree, endemic, Province Wellesley to Singapore, in forest.

Litsea monticola, *Gamble*. Sungai Buloh (Forest Dept. 1585). A tree, endemic and rare in forest, Taiping Hills.

Litsea nidularis, *Gamble*. Weld's Hill (Forest Dept.). A tall tree, endemic, not common in forest, Penang, Perak, Pahang.

Litsea Noronhae, *Bl.* Batu Caves (Ridley). A shrub or tree of Sumatra and Java; in the Peninsula not common in forest, Taiping to Selangor.

Litsea panamonja, *Hook. fil.* Public Gardens, K. Lumpur (Forest Dept.). A tree of Assam, Burma and Lower Siam; in the Peninsula rare, Perak, Selangor and Malacca.

Litsea penangiana, *Hook. fil.* Weld's Hill (Forest Dept.). A small tree, endemic, usually in hill forest, Penang Hill, Gunong Batu Puteh, Fraser Hill.

Litsea perakensis, *Gamble*. Sungai Buloh; Weld's Hill. A tree, endemic, Perak, Johore, Singapore, in forest.

Litsea petiolata, *Hook. fil.* Weld's Hill (Forest Dept.). A tall tree, endemic in the lowlands from Perak to Singapore.

Litsea robusta, *Bl.* Batu Caves; Sungai Buloh. A tall tree of Burma and Java; in the Peninsula not common in forest, Perak and Singapore.

Litsea spathacea, *Gamble*. K. Lumpur; Seminyih; Ulu Gombak. A shrub or small tree, endemic, Penang to Negri Sembilan, in forest.

Litsea tomentosa, *Bl.* Weld's Hill (Forest Dept.). A tree of Java; in the Peninsula not common in forest, Penang, Perak and N. Johore.

Litsea ujongensis, *Gamble*. Seminyih (Hume). A shrub or small tree, endemic, not common in forest, Perak, Negri Sembilan, Mt. Ophir.

Neolitsea zeylanica, *Merr.* Weld's Hill (Forest Dept.). A shrub or small tree of Indo-Australia; in the Peninsula common in open country.

Lindera malaccensis, *Hook. fil.* K. Lumpur (Ridley). A tree of Sumatra and Borneo; in the Peninsula common in the lowlands from Perak to Singapore.

Lindera pipericarpa, *Boerl.* Ulu Gombak (Hume 9192, 9718). A tree, endemic, not common in montane forest, Perak and Pahang.

CULTIVATED LAURACEÆ.

Cinnamomum zeylanicum, *Nees*. (Cinnamon). Public Gardens, K. Lumpur (Forest Dept.). A small tree of India and Ceylon; in the Peninsula cultivated only.

Persea gratissima, *Gaertn.* (Avocado Pear). K. Lumpur, (Agri. Dept.). A tree of Trop America; in the Peninsula occasionally cultivated.

HERNANDIACEÆ.

Illigera appendiculata, *Bl.* Batu Caves (Ridley). A climbing shrub of India, Burma and Java; in the Peninsula common in forest.

Hernandia peltata, *Meissn.* Public Gardens, K. Lumpur (Forest Dept.), probably planted here. A tall tree of E. Africa to Polynesia; in the Peninsula not very common, usually on seashores.

PROTEACEÆ.

Helicia attenuata, *Bl.* Dusun Tua; Klang Gates; K. Lumpur; Ulu Gombak. A shrub or tree of Java; in the Peninsula common in forest from Penang to Johore.

Helicia petiolaris, *Benn.* K. Lumpur (Goodenough). A tree, endemic, Penang (cult.) to Singapore, in forest.

Helicia robusta, *Wall.* K. Lumpur (Ridley). A tree of India, Burma, Sumatra and Java; in the Peninsula common in forest in the south.

THYMELACEÆ.

Wikstroemia viridiflora, *Meissn.* Batu Caves (Ridley). A small shrub of India, Burma China and the Philippines; in the Peninsula not common, Langkawi and Penang.

Aquilaria malaccensis, *Lamk.* Weld's Hill (Forest Dept.). A tall tree of W. Malaysia to the Philippines; in the Peninsula common in forest from Penang to Singapore.

LORANTHACEÆ.

Loranthus ferrugineus, *Roxb.* K. Lumpur; Ulu Gombak. A parasitic bush of W. Malaysia to the Philippines; in the Peninsula very common.

Loranthus grandifrons, *King.* K. Lumpur (Ridley). A parasitic shrub of Lower Siam and Sumatra; in the Peninsula common in open places from Taiping to Malacca and in Pahang.

Loranthus heteranthus, *Wall.* K. Lumpur. A big parasitic shrub of Indo-Malaya; in the Peninsula Kedah to N. Johore in forest.

Loranthus pentandrus, *Linn.* Ulu Gombak (Hume). A large parasitic shrub of India to S. China, and W. Malaysia to the Philippines; in the Peninsula common.

Loxanthera speciosa, *Bl. & Fisch.* Rantau Panjang (Hume). A parasitic shrub of W. Malaysia; in the Peninsula not common, Perak, Malacca, Johore.

Elytranthe Barnesii, *Gamble.* K. Lumpur, parasitic on *Durio zibethinus*, (Sands 32). A parasitic shrub, endemic and very rare, hitherto known only from Gunong Benom (Pahang).

Elytranthe globosa, *Don.* K. Lumpur (Forest Dept.). A parasitic shrub of Indo-Malaya to the Philippines; in the Peninsula common from Perlis to Singapore.

Elytranthe platyphylla, *Gamble.* Ulu Gombak (Hume). A large parasitic bush, endemic, not common, Upper Perak to N. Johore.

SANTALACEÆ.

Henslowia umbellata, *Bl.* Ulu Gombak (Hume). A climbing parasitic shrub of W. Malaysia; in the Peninsula common, often near the sea.

OPILIACEÆ.

Champereia Griffithii, *Hook. fil.* Klang Gates; Sungai Buloh; Weld's Hill. A shrub of Indo-Malaya to Formosa; in the Peninsula common in forest and open country from Langkawi to Singapore.

Lepionurus sylvestris, *Bl.* Klang Gates; Seminyih; Ulu Gombak; Weld's Hill. A small shrub of Siam, Java and Borneo; in the Peninsula common in forest from Langkawi to Singapore.

BALANOPHORACEÆ.

Balanophora multibrachiata, *Fawcett.* Ulu Gombak (Hume). A parasite of Sumatra; in the Peninsula Perak, Negri Sembilan, N. Johore, in forest.

EUPHORBIACEÆ.

Euphorbia hirta, *Linn.* K. Lumpur; Rantau Panjang; Salak; Seminyih; Ulu Gombak. A pantropic herb; in the Peninsula common in waste ground.

Euphorbia synadenium, *Ridl.* Seminyih (Hume). A shrub, endemic, not common, Penang, Upper Perak, Selangor, Malacca.

Bridelia pustulata, *Hook. fil.* K. Lumpur (Ridley). A tree, endemic, Penang to Singapore in forest.

Bridelia tomentosa, *Bl.* Batu Caves; Klang Gates; K. Lumpur. A small tree of Indo-Australia; in the Peninsula common in open places and secondary growth from Langkawi to Singapore.

Cleistanthus hirsutulus, *Hook. fil.* Batu Caves (Burkill). A small tree of Lower Siam; in the Peninsula Perak to Singapore in forest.

Cleistanthus membranaceus, *Hook. fil.* Batu Caves (Forest Dept.). A tree, endemic, not common in forest, Penang and Taiping.

Actephila excelsa, *Muell. Arg.* Batu Caves (Ridley, Curtis). A small shrub of India, Assam, Burma, Tenasserim, Java; in the Peninsula often near limestone, Penang, Perak, Singapore.

Actephila javanica, *Miq.* Batu Caves (Ridley). A small shrub of Tenasserim, Lower Siam, Java and Borneo; in the Peninsula widespread in forest, commonest in the north.

Andrachne calcarea, *Ridl.* Batu Caves (Ridley). A small shrublet of Siam; in the Peninsula rare on limestone, Langkawi.

Phyllanthus dalbergioides, *Wall.* Batu Caves; Ulu Gombak. A small shrub of Burma; in the Peninsula not common in forest, Langkawi, Perak.

Phyllanthus erythrocarpus, *Ridl.* Batu Caves (Ridley). A tree, endemic and local.

Phyllanthus frondosus, *Wall.* Batu Caves; K. Lumpur; Rantau Panjang; Ulu Gombak. A shrub of Siam, Lingga and the Carimon Is.; in the Peninsula common in forest from Kedah to Johore.

Phyllanthus gomphocarpus, *Hook. fil.* Petaling; Sungai Buloh. A shrub of Siam; in the Peninsula Langkawi to Mt. Ophir in forest.

Phyllanthus Niruri, *Linn.* Batang Berjuntai; Seminyih; Ulu Gombak. A pantropic herb; in the Peninsula common in waste ground.

Phyllanthus pulcher, *Wall.* Klang Gates; Ulu Gombak. A small shrub of Siam and Java; in the Peninsula on riverbanks and escaping from cultivation.

Phyllanthus urinaria, *Linn.* Dusun Tua; K. Lumpur; Seminyih; Ulu Gombak. A pantropic herb; in the Peninsula a common weed.

Glochidion desmocarpum, *Hook. fil.* K. Lumpur (Ridley). A small tree, endemic, Penang to Singapore.

Glochidion glomerulatum, *Boerl.* K. Lumpur; Rawang. A tree of Sumatra and Java; in the Peninsula rare in forest, Penang, Perak and Malacca.

Glochidion Kunstlerianum, *Gage.* K. Lumpur (Curtis). A shrub, endemic, not common in forest, Perak, Johore, Singapore.

Glochidion lævigatum, *Hook. fil.* K. Lumpur; Sungai Buloh (var. *cuspidatum*, *Ridl.*); A tree of Tenasserim; in the Peninsula the species common in open country, the var. at Taiping and Klang.

Glochidion leiostylum, *Kurz.* K. Lumpur; Ulu Gombak. A tree of Burma, Siam and Borneo; in the Peninsula Langkawi to Singapore, in open places.

Glochidion microbotrys, *Hook. fl.* Weld's Hill (Forest Dept.). A tree of Lower Siam; in the Peninsula not common, Taiping and Singapore.

Glochidion nanogynum, *Hook. fl.* Batu Caves; (Ridley). A shrub or tree, endemic, Penang, Perak, Malacca.

Glochidion obscurum, *Bl.* Ampang; K. Lumpur. A shrub or tree of Siam, Sumatra, Java and China; in the Peninsula common in the north.

Glochidion rubrum, *Bl.* K. Lumpur (Forest Dept.). A shrub of Lower Siam, Java and the Philippines; in the Peninsula Langkawi, Province Wellesley, Pahang, Johore.

Glochidion sericeum, *Hook. fl.* Ayer Hitam; Batu Caves; K. Lumpur; Petaling; Sungai Buloh; Ulu Gombak. A small tree of W. Malaysia; in the Peninsula common south of Taiping in open places and secondary growth.

Glochidion superbum, *Baill.* Klang Gates; K. Lumpur; Sungai Buloh. A small tree of W. Malaysia to the Philippines; in the Peninsula common in secondary growth.

Glochidion tetrapteron, *Gage.* Ulu Gombak (Hume). A shrub or tree, endemic and rare in forest, Semangkok Pass.

Glochidion trilobum, *Ridl.* Seminyih (Hume). A tree, endemic, not common in forest, Perak, Negri Sembilan, Singapore.

Glochidion Wallichianum, *Muell. Arg.* Ampang; K. Lumpur, Public Gardens and Weld's Hill (Forest Dept.). A tree, endemic, not common in forest, Penang, Pahang and Malacca.

Breynia angustifolia, *Hook. fl.* Ulu Gombak (Hume). A shrub of Siam; in the Peninsula Taiping to Selangor in forest.

Breynia coronata, *Hook. fl.* Rantau Panjang; Ulu Gombak. A small tree, endemic, common in forest from Langkawi to Johore.

Breynia discigera, *Muell. Arg.* Klang Gates; Ulu Gombak. A shrub or small tree of Siam; in the Peninsula not uncommon in forest and secondary growth from Penang to Taiping.

Breynia reclinata, *Hook. fl.* Ampang (Forest Dept.). A shrub of Sumatra and Java; in the Peninsula common in secondary growth and open places.

Breynia rhamnoides, *Muell. Arg.* Rantau Panjang; Ulu Gombak. A small tree of Indo-Malaya to the Philippines; and China; in the Peninsula Penang and Upper Perak to Singapore in open places and secondary growth.

Sauropus albicans, *Bl.* Petaling; Ulu Gombak. A shrub of Indo-Malaya to the Philippines; in the Peninsula in waste ground and gardens.

Sauropus elegantissimus, *Ridl.*, *Kew Bull*, 10, 1926, p. 476. Ulu Gombak (Hume 9366). A small tree, endemic and local.

Sauropus spectabilis, *Miq.* Batu Caves (Ridley, Burkill). A shrub of Assam and Sumatra; in the Peninsula rare, known only from this locality.

Sauropus sumatranus, *Miq.* Klang Gates (Ridley). A shrub of Sumatra; in the Peninsula rare, known only from this locality.

Drypetes longifolia, *Pax.* Weld's Hill (Forest Dept.). A tree of Indo-Malaya to the Philippines; in the Peninsula not common in forest, Malacca.

Drypetes pendula, *Ridl.* Public Gardens, K. Lumpur (Forest Dept.). A tree, endemic, Penang, Taiping, Singapore, in forest.

Longetia malayana, *Pax.* Klang Gates (all collectors). A tree of Borneo; in the Peninsula Kedah to Singapore in dry open places.

Antidesma alatum, *Hook. fil.* Ulu Gombak (Hume). A small tree of Lower Siam; in the Peninsula common in forest from Taiping to Singapore.

Antidesma coriaceum, *Tulasne.* Batu Caves; Ulu Gombak. A small tree of Lower Siam and Borneo; in the Peninsula common in forest from Penang to Singapore.

Antidesma cuspidatum, *Muell. Arg.* Batang Berjuntai; K. Lumpur; Sungai Buloh; Ulu Gombak. A tree of Borneo; in the Peninsula common in forest from Perlis to Singapore.

Antidesma fusiforme, *Gage.* Batu Caves; K. Lumpur. A ?shrub, endemic, Penang, ?Perak, Dindings, Johore.

Antidesma Ghæsembilla, *Gaertn.* Batang Berjuntai (Hume). A bush or small tree of Indo-Australia and China; in the Peninsula Setul to Malacca in open country.

Antidesma montanum, *Bl.* Batang Berjuntai; Sungai Buloh; Ulu Gombak. A small tree of Indo-Malaya; in the Peninsula common in lowland forest.

Antidesma salicinum, *Ridl.* Klang Gates (Forest Dept.). A shrub of Borneo; in the Peninsula on riverbanks from Upper Perak and Kelantan to Johore.

Antidesma stipulare, *Bl.* Ulu Gombak (Hume, Ridley). A shrub or small tree of Java, Borneo and Amboina; in the Peninsula not common in forest, Perak and Johore.

Antidesma tomentosum, *Bl.* Seminyih (Hume 8192). A shrub or small tree of W. Malaysia; in the Peninsula Upper Perak to Johore in forest.

Antidesma velutinosum, *Bl.* Batu Caves; K. Lumpur. A small tree of Burma Siam, Sumatra and Java; in the Peninsula very common in forest from Langkawi to Singapore.

Daphniphyllum bancanum, *Kurz.* K. Lumpur (Ridley). A tree of Bangka; in the Peninsula not common in open places, Setul, Perak, Pahang, Negri Sembilan.

Daphniphyllum laurinum, *Baill.* K. Lumpur; Sungai Buloh. A shrub of Siam and W. Malaysia; in the Peninsula common in open places and on the seashore from Setul to Singapore.

Aporosa aurea, *Hook. fil.* Weld's Hill (Forest Dept.). A bush or tree of Burma and Tenasserim; in the Peninsula common in forest from Langkawi to Johore.

Aporosa Benthamiana, *Hook. fil.* Klang Gates; Weld's Hill. A tree, endemic, Penang to Singapore, in forest.

Aporosa frutescens, *Bl.* Kuang (Ridley). A shrub or small tree of Sumatra and Java; in the Peninsula common in forest from Langkawi to Singapore.

Aporosa Maingayi, *Hook. fil.* K. Lumpur; Petaling; Sungai Buloh. A small tree, endemic, Kedah to Singapore, in forest.

Aporosa Miqueliana, *Muell. Arg.* Weld's Hill (Forest Dept.). A shrub or small tree of Lower Siam, Sumatra and Borneo; in the Peninsula Taiping to Johore in forest.

Aporosa ?nervosa, *Hook. fil.* Weld's Hill (Forest Dept. 828).

Aporosa Prainiana, *King.* Ayer Hitam; Bukit Tunggal; K. Lumpur. A small tree, endemic and common from Penang to Singapore.

Aporosa stellifera, *Hook. fil.* K. Lumpur; Sungai Buloh; Ulu Gombak. A small tree, endemic, Penang and Upper Perak to S. Pahang, in forest.

Aporosa symplocoides, *Gage.* Sungai Buloh; Weld's Hill. A tree, endemic, Penang to Singapore, in forest.

Baccaurea brevipes, *Hook. fil.* Dusun Tua; Klang Gates; Sungai Buloh; Ulu Gombak; Weld's Hill. A small tree of Borneo; in the Peninsula common from Kedah to Malacca in forest.

Baccaurea Griffithii, *Hook. fil.* Weld's Hill (Forest Dept.). A tree, endemic and common in forest from Penang to Singapore.

Baccaurea Kingii, *Gage.* Kanching; Sungai Buloh. A tree, endemic, Penang to Singapore, in forest.

Baccaurea Kunstleri, *Gage.* Weld's Hill (Forest Dept.). A tree, endemic, not common in forest, Perak and Singapore.

Baccaurea lanceolata, *Muell. Arg.* Batu Caves; Sungai Buloh. A tree of W. Malaysia to the Philippines; in the Peninsula Penang and Upper Perak to Singapore, in forest.

Baccaurea malayana, *King.* Sungai Buloh; Weld's Hill. A tree, endemic, Perak, Pahang, Malacca, in forest, and cultivated.

Baccaurea parviflora, *Muell. Arg.* K. Lumpur (Curtis). A small tree of Burma, Siam, Sumatra and Borneo; in the Peninsula common from Kedah to Singapore in forest.

Baccaurea ?polyneura, *Hook. fil.* Weld's Hill (Forest Dept., tree 362).

Baccaurea Wallichii, *Hook. fil.* Batu Tiga (Ridley). A tree of Borneo; in the Peninsula common from Penang to Singapore in forest.

Baccaurea Wrayi, *King.* Ulu Gombak (Hume). A tree, endemic, not common, Adang Islands, Penang, Perak, Pahang, in forest.

Elateriospermum Tapos, *Bl.* Batu Caves; Weld's Hill. A tall tree of W. Malaysia; in the Peninsula Penang to Malacca in forest.

Galearia affinis, *Br.* Batu Caves; Dusun Tua; Rantau Panjang; Sungai Buloh; Weld's Hill. A small tree of ?Siam; in the Peninsula common in forest.

Galearia fusca, *Ridl.* Seminyih (Hume). A shrub, endemic, not common, Negri Sembilan and Johore.

Galearia lancifolia, *Ridl., Kew Bull., 10, 1926, p. 476.* Klang Gates (Hume 7146); Ulu Gombak (Hume 9931). A small tree, endemic and local in forest.

Galearia minor, *Gage.* Seminyih (Hume). A small tree of Sumatra; in the Peninsula not common in forest, Perak, Pahang, Negri Sembilan.

Galearia Ridleyi, *Gage.* Dusun Tua (Ridley). A shrub, endemic, not common, Johore.

Microdesmis casearifolia, *Planch.* Kepong; Klang Gates; K. Lumpur. A small tree of Indo-Malaya to the Philippines; in the Peninsula common in forest from Perlis to Singapore.

Croton calcicolum, *Ridl.* Kanching, on limestone (Ridley). A shrub of Borneo; in the Peninsula known only from this locality.

Croton caudatum, *Geisel* var. *malaccanum*, *Hook. fil.* K. Lumpur (Ridley, Forest Dept.). A shrub, the species of Indo-Malaya to the Philippines, the var. from Tenasserim; in the Peninsula common, especially in open country.

Croton erythrostachys, *Hook. fil.* Kanching; Rawang. A shrub, endemic, usually montane, Perak, Klang, Negri Sembilan, Mt. Ophir, Johore.

Croton Griffithii, *Hook. fil.* Batu Caves; Klang Gates; K. Lumpur; Rawang; Seminyih; Sungai Buloh; Ulu Gombak. A shrub or tree, endemic and common in forest from Penang to Singapore.

Trigonostemon salicifolius, *Ridl.* Kanching, on limestone; Ulu Gombak. A small shrub, endemic and local.

Trigonostemon villosus, *Hook. fil.* K. Lumpur; Sungai Buloh; Ulu Gombak. A small shrub, endemic, not common in forest, Perak, Mt. Ophir, Johore.

Agrostistachys Gaudichaudii, *Muell. Arg.* Batu Caves (Ridley). A tree, endemic and common in forest from Langkawi to Singapore.

Claoxylon indicum, *Hassk.* Batu Caves; Ulu Gombak. A shrub of Indo-Malaya; in the Peninsula common in forest from Perlis to Singapore.

Claoxylon longifolium, *Muell. Arg.* Seminyih (Hume). A shrub or small tree of Sumatra and Java; in the Peninsula common in forest from Langkawi to Singapore.

Epiprinus malayanus, *Griff.* Dusun Tua; Klang Gates; Sungai Besi; Weld's Hill. A shrub of Sumatra; in the Peninsula Kedah to Malacca, in forest.

Cœlodiscus subcuneatus, *Gage.* Dusun Tua (Ridley). A small tree, endemic, not common in forest, Langkawi, Kedah, Perak.

Melanolepis multiglandulosa, *Rchb.* K. Lumpur (Ridley). A small tree of Malaysia and Indo-China; in the Peninsula not common in forest, Kelantan, Perak, Pahang.

Mallotus cochinchinensis, *Lour.* Batang Berjuntai; K. Lumpur; Petaling; Rantau Panjang; Rawang; Serdang; Ulu Gombak. A small tree of Indo-Malaya and China; in the Peninsula common in forest and secondary growth from Penang to Singapore.

Mallotus dispar, *Muell. Arg.* Batu Caves, common here (Ridley). A shrub or small tree of W. Malaysia; in the Peninsula usually on limestone, Kedah, Perak, Pahang, Pulau Tioman.

Mallotus Griffithianus, *Hook. fil.* K. Lumpur; Rantau Panjang; Sungai Buloh. A shrub, endemic, Langkawi, Perak, Pahang, Dindings, Malacca, in forest.

Mallotus Kingii, *Hook. fil.* Batu Caves; K. Lumpur. A tree, endemic and rare in forest, Perak.

Mallotus macrostachyus, *Muell. Arg.* Klang Gates; K. Lumpur; Seminyih; Sungai Buloh; Ulu Gombak. A shrub or small tree of Siam to Borneo; in the Peninsula common in open places and secondary growth from Langkawi and Kelantan to Singapore.

Mallotus Porterianus, *Muell. Arg.* Batu Caves; K. Lumpur. A small tree of ?Siam and Sumatra; in the Peninsula common in forest and secondary growth from Penang to Johore.

Mallotus repandus, *Muell. Arg.* Batu Caves (Ridley). A climbing shrub of Indo-Australia; in the Peninsula Perlis to Negri Sembilan in forest.

Mallotus subpeltatus, *Muell. Arg.* Batu Caves; K. Lumpur; Sungai Buloh. A small tree of Sumatra and Java; in the Peninsula Langkawi to Malacca and N. Johore, in forest.

Ptychopyxis costata, *Miq.* Weld's Hill (Forest Dept.). A small tree of Sumatra; in the Peninsula not very common in forest, Taiping Hills, Malacca, Singapore.

Macaranga denticulata, *Muell. Arg.* Rawang (Ridley). A tree of Indo-Malaya; in the Peninsula Perlis to the Pahang river in open forest.

Macaranga Griffithiana, *Muell. Arg.* Ampang (Forest Dept.). A small tree, endemic, not common, Penang to Singapore.

Macaranga Hosei, *King.* Ulu Gombak (Hume). A tree of Borneo; in the Peninsula not very common in forest, Trengganu, Perak, Malacca.

Macaranga Hullettii, *King.* Bukit Raja; Batu Tiga; Klang Gates; K. Lumpur; Rawang; Ulu Gombak. A small tree, endemic, Taiping to Malacca, in open places.

Macaranga hypoleuca, *Muell. Arg.* Klang Gates; K. Lumpur; Sungai Buloh; Ulu Gombak. A tree of Sumatra and Borneo; in the Peninsula common in secondary growth.

Macaranga incisa, *Gage.* K. Lumpur (Ridley). A tree, endemic and local.

Macaranga Kingii, *Hook. fil.* K. Lumpur (Forest Dept.). A small tree, endemic and rare, Johore.

Macaranga megalophylla, *Muell. Arg.* Klang Gates; Sungai Buloh; Weld's Hill. A tree of Sumatra and Borneo; in the Peninsula common from Penang to Johore in open swampy places.

Macaranga populifolia, *Muell. Arg.* K. Lumpur (Forest Dept.). A tree of Tenasserim; Sumatra and Borneo; in the Peninsula Penang to Singapore, in secondary growth.

Macaranga quadricornis, *Ridl.* Seminyih (Hume). A small tree, endemic and rare, Semangkok Pass and Klang.

Macaranga robiginosa, *Ridl.* K. Lumpur; Ulu Gombak, and doubtless in other localities. A small tree, endemic and common from Penang to Singapore, especially in secondary growth.

Macaranga tanaria, *Muell. Arg.* Batu Caves; Ulu Gombak. A small tree of Tenasserim to Australia, and China; in the Peninsula common north of Malacca, in open places.

Macaranga triloba, *Muell. Arg.* Bukit Raja; Ulu Gombak; Weld's Hill. A tree of Tenasserim to the Philippines; in the Peninsula common in secondary growth and open places.

Endospermum malaccense, *Muell. Arg.* Bukit Raja; K. Lumpur. A tall tree, endemic, Penang to Singapore common in forest.

Pimeleodendron Griffithianum, *Benth.* Klang Gates; K. Lumpur; Petaling. A tree, endemic, not common in forest, Penang to Singapore.

Homalanthus populifolius, *Grah.* Batu Caves (Ridley). A small tree of W. Malaysia and Australia; in the Peninsula common in the north and near limestone.

Sapium baccatum, *Roxb.* K. Lumpur; Petaling; Rantau Panjang. A tree of India and Sumatra; in the Peninsula Penang to Johore, in forest.

Sapium discolor, *Muell. Arg.* K. Lumpur (Ridley). A tree of Borneo and China; in the Peninsula not common in forest and secondary growth, Perak, Malacca and Singapore.

CULTIVATED EUPHORBIACEÆ.

Acalypha macrophylla, *H. B. K.* Common in gardens. A shrub of Polynesia, often cultivated in the Peninsula.

Aleurites moluccana, *Willd.* (Candle-nut). Ampang; Pudu, probably planted. A tree of Indo-Malaya and the Pacific Islands; in the Peninsula on seacoasts and often planted.

Baccaurea Motleyana, *Muell. Arg.* Public Gardens, K. Lumpur (Forest Dept.). A tree of Sumatra and Borneo; in the Peninsula cultivated and apparently wild on the Bertam river, Pahang.

Blumeodendron tokbrai, *J. J. Sm.* Public Gardens, K. Lumpur (Forest Dept.). A native of Sumatra, Java and Borneo.

Cicca disticha, *Linn.* K. Lumpur (Agri. Dept.). A small tree of Asia; in the Peninsula cultivated only.

Codiaeum variegatum, *Bl.* ("Croton"). Common in gardens in many varieties. A shrub, native of the Moluccas; in the Peninsula extensively cultivated as an ornamental shrub.

Croton tiglium, *Linn.* Rawang, cultivated, fide Foxworthy. A bush or small tree of Indo-Malaya and China; in the Peninsula in cultivated ground.

Euphorbia pulcherrima, Willd. *Poinsettia pulcherrima*, Grah. Common in gardens. A shrub of Trop. America; in the Peninsula often cultivated as an ornamental shrub.

Excoecaria bicolor, Hassk. Common in gardens. A shrub, origin doubtful; in the Peninsula often cultivated.

Hevea brasiliensis, Muell. Arg. (Rubber). A native of S. America.

Jatropha curcas, Linn. (The Purgive nut). Serdang Experimental Plantation. A pantropic shrub, often cultivated in the Peninsula.

Manihot Glaziovii, Muell. Arg. (Ceara Rubber). A native of Brazil, occasionally cultivated in the Peninsula.

Manihot utilisima, Pohl. (Tapioca). A tall herb of South American origin, cultivated in all tropics.

Ricinus communis, Linn. (The Castor oil Plant). Cultivated, fide Foxworthy; Ulu Gombak, doubtless an escape, (Hume). Cultivated in all tropics, origin perhaps African.

URTICACEÆ.

Trema amboinensis, Bl. Batang Berjuntai; K. Lumpur; Seminyih; Ulu Gombak. A shrub or small tree of Indo-Australia in the Peninsula very common in waste ground and secondary growth.

Trema angustifolia, Bl. Klang Gates; K. Lumpur. A shrub of Borneo; in the Peninsula common in waste ground.

Trema virgata, Bl. Sungai Buloh (Ridley). A shrub of Tenasserim, Java, Borneo and China; in the Peninsula in waste ground but not common, Penang, Kelantan, Perak and Singapore.

Gironniera nervosa, Planch. K. Lumpur. A tree of Sumatra and Borneo; in the Peninsula common in forest from Penang to Singapore.

Gironniera parvifolia, Planch. Weld's Hill (Forest Dept.). A tree of the Carimon Islands; in the Peninsula common in forest from Penang to Singapore.

Gironniera subæqualis, Planch. Weld's Hill (Forest Dept.). A tall tree of Indo-Malaya to the Philippines, and S. China; in the Peninsula common in forest from Penang to Singapore.

Slætia sideroxylon, Teys. and Binn. Rantau Panjang; Weld's Hill. A tall tree of W. Malaysia; in the Peninsula not uncommon in forest from Penang and Pahang to Singapore.

Ficus acamptophylla, Miq. Public Gardens, K. Lumpur (Forest Dept.). An epiphytic climber or a tree of Bangka and Borneo; in the Peninsula not common in forest, Perak, Dindings, Singapore.

Ficus alba, *Reinw.* K. Lumpur; Ulu Gombak. A shrub or small tree of W. Malaysia; in the Peninsula very common in secondary growth and waste ground.

Ficus annulata, *Bl.* K. Lumpur. An epiphytic shrub or tree of Indo-Malaya; in the Peninsula common.

Ficus apiocarpa, *Miq.* K. Lumpur (Forest Dept.). A large climbing shrub of W. Malaysia to the Philippines; in the Peninsula common in forest.

Ficus bracteata, *Wall.* K. Lumpur (Curtis). A large shrub or small tree of Java and Borneo; in the Peninsula not very common, Taiping, Malacca and Singapore.

Ficus chartacea, *Wall.* Bukit Raja; Klang Gates; K. Lumpur; Ulu Gombak. A shrub of Burma; in the Peninsula common in forest from Langkawi to Singapore.

Ficus chrysocarpa, *Reinw.* Rantau Panjang; Ulu Gombak; Weld's Hill. A shrub of Burma to Borneo; in the Peninsula common from Taiping to Singapore.

Ficus consociata, *Bl.* K. Lumpur (Ridley). An epiphytic shrub of W. Malaysia; in the Peninsula Penang to Singapore.

Ficus cunia, *Ham.* Ulu Gombak (Hume). A shrub or small tree of India to Tenasserim; in the Peninsula common in forest from Perak and Kelantan to Johore.

Ficus diversifolia, *Bl.* Klang Gates (var. *ovoidea* and var. *Kunstleri*); K. Lumpur (var. *ovoidea* and var. *Kunstleri*); Ulu Gombak. A terrestrial or epiphytic shrub of W. Malaysia; in the Peninsula on seashores, in secondary growth, forests and open places, common and very variable.

Ficus fistulosa, *Reinw.* Weld's Hill (Forest Dept.). A tree of Indo-Malaya and China; in the Peninsula Kedah to Selangor and Pahang in forest.

Ficus fulva, *Reinw.* Ampang; Klang Gates; Ulu Gombak. A small tree of Indo-Malaya; in the Peninsula not common in forest, Taiping and Fraser Hill.

Ficus gibbosa, *Bl.* K. Lumpur (Forest Dept.). An epiphytic shrub, then a tree, of Indo-Malaya and S. China; in the Peninsula not common, Penang, Perak, Pulau Tioman, Negri Sembilan and Malacca.

Ficus glabella, *Bl.* Public Gardens, K. Lumpur (Forest Dept.). A tree of Indo-Malaya; in the Peninsula common.

Ficus glandulifera, *Wall.* Weld's Hill (Forest Dept.). A shrub or small tree of W. Malaysia; in the Peninsula not uncommon in forest from Penang to Singapore.

Ficus globosa, *Bl.* K. Lumpur; Ulu Gombak. A climbing shrub of Indo-Malaya; in the Peninsula common in secondary growth,

Ficus heterophylla, *Linn.* K. Lumpur (Ridley). A creeping shrub, eventually a small tree, of Indo-Malaya; in the Peninsula on riverbanks in Perak and Pahang.

Ficus hispida, *Linn. fl.* Batu Caves; Weld's Hill. A shrub or small tree of Indo-Australia; in the Peninsula common in forest from Kedah to Johore.

Ficus indica, *Linn.* Batu Caves; Klang Gates; Weld's Hill. A tree of Indo-Malaya to the Philippines; in the Peninsula common in forest from Penang and Kelantan to Singapore.

Ficus lævis, *Bl.* Batu Caves (Ridley). An epiphytic shrub or small tree of Indo-Malaya; in the Peninsula Penang to Singapore in forest.

Ficus lepicarpa, *Bl.* Ulu Gombak (Hume, Ridley). A small tree of W. Malaysia; in the Peninsula Penang to N. Johore in forest and on riverbanks.

Ficus microstoma, *Wall.* K. Lumpur (Ridley). A tree of Java; in the Peninsula Taiping, Malacca, Johore, Singapore, in forest.

Ficus Miquelii, *Hook. fl.* Batu Caves; Weld's Hill. A tree of Tenasserim and W. Malaysia; in the Peninsula common in the lowlands in forest.

Ficus obpyramidata, *Hook. fl.* Dusun Tua (Ridley). A small tree, endemic and rare, Taiping.

Ficus obscura, *Bl.* Ulu Gombak (Forest Dept.). A shrub or small tree of Indo-Malaya; in the Peninsula common in forest from Upper Perak to Singapore.

Ficus obtusa, *Hassk.* Klang Gates (Ridley). A climbing shrub of W. Malaysia to the Philippines; in the Peninsula Penang to Malacca in forest.

Ficus patens, *Ridl.* Kanching; Ulu Gombak. A large shrub, endemic, common in the Selangor hills, occurring also in Negri Sembilan.

Ficus pisifera, *Wall.* Klang Gates; K. Lumpur; Ulu Gombak. An epiphytic shrub, eventually a tree, of W. Malaysia to the Philippines; in the Peninsula common in forest.

Ficus polysyce, *Ridl.* K. Lumpur; Ulu Gombak. A tree of Lower Siam; in the Peninsula common from Langkawi to Singapore in forest and secondary growth.

Ficus pomifera, *Wall.* Dusun Tua (Ridley). A tree of Indo-Malaya (?except Borneo); in the Peninsula Upper Perak to Johore, not very common in forest.

Ficus punctata, *Thunb.* Batu Caves; Klang Gates; Seminyih; Ulu Gombak. A creeping shrub of W. Malaysia; in the Peninsula common from Penang to Singapore in open places.

Ficus ramentacea, *Roxb.* Batu Caves; Klang Gates; Ulu Gombak. A climbing shrub of Burma and W. Malaysia; in the Peninsula common.

Ficus recurva, *Bl.* Seminyih (Hume). An epiphytic climber of W. Malaysia to the Philippines; in the Peninsula common from Penang to Singapore in forest.

Ficus rostrata, *Lam.* Ampang; K. Lumpur; Ulu Gombak. An epiphytic shrub of Indo-Malaya; in the Peninsula common in forest and secondary growth.

Ficus subulata, *Bl.* Batu Caves; K. Lumpur. A climbing shrub of Indo-Malaya to the Philippines, and S. China; in the Peninsula common from Penang and Kelantan to Johore, in forest

Ficus trachycarpa, *Miq.* Batu Caves (Ridley). An epiphytic shrub of W. Malaysia; in the Peninsula rare, Malacca.

Ficus truncata, *King.* K. Lumpur (Ridley). A tree of Java and Borneo in the Peninsula not common, Kelantan, Perak, Dindings, Pahang, Johore, Singapore.

Ficus urophylla, *Wall.* Ampang; K. Lumpur; Ulu Gombak. An epiphytic shrub of Indo-Malaya; in the Peninsula common in forest.

Ficus vasculosa, *Wall.* Weld's Hill (Forest Dept.). A small tree of Bangka, Java, Tavoy and China; in the Peninsula common from Penang to Singapore.

Ficus villosa, *Bl.* Batu Caves; Klang Gates; K. Lumpur; Ulu Gombak. A climbing shrub of W. Malaysia to the Philippines; in the Peninsula common from Penang to Singapore.

Ficus xylophylla, *Wall.* K. Lumpur (Ridley). An epiphytic shrub or small tree of Sumatra and Borneo; in the Peninsula Penang to Singapore.

Antiaris toxicaria, *Lesch.* Batu Caves; Kajang; Sungai Buloh. A tall tree of Indo-Malaya; in the Peninsula Penang and Upper Perak to Malacca, in forest.

Artocarpus Denisoniana, *Hook. fil.* Klang Gates; Ulu Gombak. A tree, endemic and rare in forest, Ulu Bubong (Perak).

Artocarpus Gomeziana, *Wall.* Kepong; Klang Gates; K. Lumpur. A tree of Tenasserim and Borneo; in the Peninsula common in forest from Penang to Singapore.

Artocarpus Kunstleri, *Hook. fil.* Public Gardens, K. Lumpur (Forest Dept.). A tall tree, endemic and common in forest, Penang to Singapore.

Artocarpus Lakoocha, *Roxb.* K. Lumpur (Forest Dept.). A tree of S. India to Lower Siam; in the Peninsula common in secondary growth and open places.

Artocarpus lanceæfolia, *Roxb.* Ampang; Ulu Gombak; Weld's Hill. A tall tree, endemic and common in forest from Penang to Singapore.

Artocarpus Lowii, *Hook. fil.* Weld's Hill and the Public Gardens, K. Lumpur (Forest Dept.). A tree, endemic, not common, Taiping, and Raub (Pahang).

Artocarpus Maingayi, *Hook. fil.* K. Lumpur (Forest Dept.). A small tree, endemic, Taiping to Singapore, in forest.

Artocarpus peduncularis, *Kurz.* K. Lumpur. A tree of Tenasserim and Lower Siam; in the Peninsula common in forest.

Artocarpus polyphema, *Pers.* K. Lumpur (Forest Dept.). A small tree of W. Malaysia and Indo-China; in the Peninsula commonly cultivated, and wild in Perak, Pahang and Negri Sembilan, in forest.

Artocarpus rigida, *Bl.* K. Lumpur; Sungai Buloh. A tall tree of Burma, Sumatra and Java; in the Peninsula common in forest from Taiping to Singapore.

Conocephalus amœnus, *Hook. fil.* Batu Caves; K. Lumpur. A stout epiphytic climber of Borneo; in the Peninsula common in forest from Langkawi to Singapore.

Conocephalus Scortechinii, *Hook. fil.* K. Lumpur; Sungai Buloh. An epiphytic climber of Borneo; in the Peninsula Perlis to Singapore, in forest.

Conocephalus suaveolens, *Bl.* Batu Caves; Klang Gates; K. Lumpur; Petaling; Seminyih. An epiphytic climber of Indo-Malaya and the Philippines; in the Peninsula common in forest.

Conocephalus subtrinervius, *Miq.* Petaling; Seminyih; Ulu Gombak. An erect epiphytic shrub of ?Sumatra and Borneo; in the Peninsula common in forest from Penang to Johore.

Hullettia dumosa, *King.* Klang Gates; K. Lumpur; Seminyih. A shrub, endemic, not uncommon in forest from Taiping to Negri Sembilan.

Fleurya interrupta, *Gaud.* Ulu Gombak (Hume). A herb of the Tropics of the Old World; in the Peninsula a common weed.

Laportea stimulans, *Miq.* Batu Caves (Ridley). A small tree with stinging hairs, of Siam, Java and Borneo; in the Peninsula Kedah and Kemaman to Malacca in forest.

Pilea muscosa, *Lindl.* Common in K. Lumpur. A small herb, endemic, on limestone in Kelantan and Perak.

Pilea muscosa, *Lindl.* Common in K. Lumpur. A small fleshy herb of S. America; in the Peninsula a common weed.

Pellionia Duvauana, *N. E. Br.*, var. *viridis*, *Ridl.* Batu Caves (Ridley). A creeping herb of Tenasserim; in the Peninsula common in forest from Setul and Kelantan to Negri Sembilan.

Pellionia Helferiana, *Wedd.* Batu Caves; Ulu Gombak. A herb of Tenasserim and Lower Siam; in the Peninsula not very common in forest, Pahang, Selangor and Johore.

Elatostemma acuminatum, *Brngn.* Ulu Gombak (Hume). A herb of Himalaya, Ceylon, Tenasserim and Java; in the Peninsula usually montane in the Taiping Hills and on the Main Range.

Elatostemma platyphyllum, *Wedd.* Batu Caves; K. Lumpur. A tall herb of India; in the Peninsula not common, Penang, Kelantan, ?Taiping.

Elatostemma sessile, *Forst.* K. Lumpur; Ulu Gombak. A herb of Africa, Asia and Polynesia; in the Peninsula common on rocks in streams, Penang and Upper Perak to Selangor.

Procris latifolia, *Bl.* Batu Caves; Dusun Tua; Ulu Gombak. A small succulent herb of Tenasserim to Samoa; in the Peninsula Upper Perak to Selangor, in forest.

Pouzolzia indica, *Gaud.* Klang Gates; Seminyih; Ulu Gombak. A herb of Indo-Malaya and China; in the Peninsula a common weed in waste ground.

Pipturus mollissimus, *Wedd.* Batu Caves; Klang Gates. A climbing shrub of Java; in the Peninsula not common in forest, Penang, Perak, Klang, Johore, Singapore.

Villebrunea sylvatica, *Bl.* Batu Caves; Ulu Gombak. A tree of Java; in the Peninsula not common in forest, Negri Sembilan.

Debregeasia squamata, *Hook. fil.* Batu Caves; Ulu Gombak. A shrub, endemic, not common in forest, Perak.

CULTIVATED URTICACEÆ.

Artocarpus incisa, *Linn. fil.* (Bread fruit tree). A native of the Pacific Islands, often cultivated in the Peninsula.

Artocarpus integrifolia, *Linn. fil.* (Jack fruit). A tree of Indo-Malaya; in the Peninsula commonly cultivated.

Bœhmeria nivea, *Hook. and Arn.* (Ramie). Ulu Gombak (Hume), an escape from cultivation. A shrub of Trop. Asia; in the Peninsula cultivated only.

Ficus Benjamina, *Linn.* A tree of Indo-Malaya; in the Peninsula often planted, but not wild.

Ficus elastica, *Roxb.* Cultivated, fide Foxworthy. A shrub or tree of Indo-Malaya; in the Peninsula formerly cultivated as a rubber producing plant, and very doubtfully wild.

Morus alba, *Linn.* (Mulberry). K. Lumpur Forest Dept.). A small tree of Asia; in the Peninsula occasionally cultivated.

CASUARINACEÆ, CULTIVATED.

Casuarina equisetifolia, *Forst.* Often planted in gardens and by roadsides. A tall tree of Indo-Australia; in the Peninsula wild on sandy seacoasts.

CUPULIFERÆ.

Pasania Curtisii, *Gamble.* Rawang; Weld's Hill. A tree, endemic, not common in forest, Penang, Perak.

Pasania cyclophora, *Gamble.* Ulu Gombak (Hume). A tall tree of Borneo; in the Peninsula usually in montane forest, Penang to Singapore.

Pasania discocarpa, *Gamble.* Weld's Hill (Forest Dept.). A tall tree of Sumatra, Bangka and Borneo; in the Peninsula apparently rare, Taiping Hills and Gunong Bubu.

Pasania Eichleri, *Gamble.* Rawang (Ridley). A tall tree of Sumatra; in the Peninsula not common in forest, Perak and Pahang.

Pasania encleisacarpa, *Gamble.* Kanching; Rawang; Sungai Buloh. A tree of Sumatra; in the Peninsula common in forest from Penang to Singapore.

Pasania erythrocarpa, *Ridl.* Ulu Gombak (Forest Dept. 11198). A tree, endemic and rare in forest, hitherto known only from Gunong Angsi, Negri Sembilan.

Pasania Ewyckii, *Gamble.* Ampang (Forest Dept.). A tree of Sumatra and Borneo; in the Peninsula Penang to Singapore in forest.

Pasania hystrix, *Gamble.* Bukit Cheraka; Kajang; K. Lumpur; Sungai Buloh. A tall tree of Sumatra and Borneo; in the Peninsula common in the lowlands from Penang to Singapore.

Pasania Kunstleri, *Gamble.* Kanching; K. Lumpur. A tree of Borneo; in the Peninsula not very common in forest, Langkawi and Perak.

Pasania lamponga, *Gamble.* Klang Gates; K. Lumpur (var. *ewyckioides*, *Gamble*); Ulu Gombak; Weld's Hill. A tall tree of Sumatra, Bangka and Borneo to Papua; in the Peninsula common in forest from Penang to Singapore.

Pasania lucida, *Gamble.* Ulu Gombak (Forest Dept.). A tree, endemic and common in forest.

Pasania Maingayi, *Schky.* Ulu Gombak (Hume). A lofty tree, endemic, not common in forest, Penang Hill and the Semangkok Pass.

Pasania rassa, *Gamble.* Sungai Buloh; Ulu Gombak. A tree of W. Malaysia; in the Peninsula Penang to Singapore in forest, usually at some altitude.

Pasania spicata, *Oerst.* Weld's Hill and the Public Gardens, K. Lumpur (Forest Dept.). A tall tree of Indo-Malaya; in the Peninsula common in forest.

Pasania sundaica, *Oerst.* Seminyih; Ulu Gombak. A tree of W. Malaysia to the Philippines; in the Peninsula common in forest from Penang to Singapore.

Pasania Wallichiana, *Gamble.* Weld's Hill (Forest Dept.). A tree, endemic and common in forest from Penang to Singapore.

Castanopsis fulva, *Gamble.* Sungai Buloh (Forest Dept.). A tall tree, endemic, not common, Perak, ?Negri Sembilan, ?Singapore.

Castanopsis megacarpa, *Gamble.* Klang Gates; Ulu Gombak; Weld's Hill. A tall tree, endemic, common in forest from Penang to Singapore.

Castanopsis nepheliodes, *King.* Bukit Puteh; K. Lumpur. A tree, endemic and common in forest from Taiping to Singapore.

Castanopsis sumatrana, *A. DC.* Bukit Cheraka; Weld's Hill. A tree of Indo-Malaya to the Philippines; in the Peninsula Penang to Malacca, common in forest.

Castanopsis Wallichii, *King.* K. Lumpur (Forest Dept.). A tall tree, endemic and common in forest.

SALICINACEÆ.

Salix tetrasperma, *Roxb.* Rawang; Weld's Hill. A small tree of E. Asia; in the Peninsula common from Penang and Kelantan to Malacca, in roadside ditches and edges of ricefields.

HYDROCHARIDACEÆ.

Ottelia alismoides, *Pers.* Pudu (Goodenough). An aquatic herb of Trop. Africa, Trop. Asia and Australia; in the Peninsula common in ponds and ditches.

ORCHIDACEÆ.

Oberonia aurantiaca, *Ridl.* Kajang (Goodenough). A small epiphyte, endemic and local.

Oberonia grandis, *Ridl.* Ulu Langat, (Kloss, fide Ridley). An epiphytic herb, endemic and local.

Liparis parvifolia, *Lindl.* Batu Caves (Ridley). An epiphytic herb of Siam to the Philippines; in the Peninsula common from Upper Perak to Singapore in forest.

Platyclinis gracilis, *Hook. fil.* Ulu Gombak (Hume). An epiphyte of Java; in the Peninsula montane in Perak and Pahang.

Dendrobium atropurpureum, *Miq.* Batu Caves; K. Lumpur. A small epiphyte of Tenasserim to Borneo; in the Peninsula common from Langkawi to Singapore.

Dendrobium calcaratum, *Lindl.* Seminyih (Hume). A terrestrial herb of Borneo; in the Peninsula in wet places, Malacca and Singapore.

Dendrobium crocatum, *Hook. fil.* Ulu Gombak (Ridley). An epiphyte, endemic, Perak and Pahang to Singapore, in forest.

Dendrobium crumenatum, *Swartz.* (The Pigeon Orchid). Common on roadside and other trees. An epiphyte of Indo-Malaya to the Philippines and China; in the Peninsula common.

Dendrobium ?eulophotum, *Lindl.* Seminyih (Hume).

Dendrobium gemellum, *Lindl.* Rantau Panjang (Hume). An epiphyte of Siam to Borneo; in the Peninsula Langkawi to Singapore.

Dendrobium grande, *Hook. fil.* K. Lumpur; Rawang. An epiphyte of ?Tenasserim and Lower Siam; in the Peninsula common from Penang and Kelantan to Singapore in forest.

Dendrobium lamellatum, *Lindl.* K. Lumpur (Curtis). An epiphyte of Tenasserim, Java and Borneo; in the Peninsula not common, Kedah to Singapore.

Dendrobium leonis, *Rehb.* Rawang; Seminyih. An epiphyte of Borneo and Indo-China; in the Peninsula common in forest from Penang to Singapore.

Dendrobium pallens, *Ridl.* ?MS. High up on the Batu Caves (Ridley). A rare orchid, known also from Siam.

Dendrobium pumilum, *Roxb.* Kajang; Seminyih. An epiphyte of Burma and Borneo; in the Peninsula common.

Dendrobium subulatum, *Hook. fil.* Batu Caves; K. Lumpur. An epiphyte of Java and Borneo; in the Peninsula Penang to Singapore.

Dendrobium truncatum, *Lindl.* Batu Caves (Ridley). An epiphyte of W. Malaysia; in the Peninsula not common, Kedah, Perak and Pahang.

Bulbophyllum flammuliferum, *Ridl.* Batu Caves (Ridley). An epiphyte, endemic and rare on limestone and mangrove, Port Dickson.

Bulbophyllum membranifolium, *Hook. fil.* K. Lumpur (Curtis). An epiphyte, endemic, not common, Perak and Pahang.

Bulbophyllum pileatum, *Lindl.* Rawang (Ridley). An epiphyte of Sumatra; in the Peninsula not common, Penang, Perak, Johore and Singapore.

Bulbophyllum vaginatum, *Rchb.* Petaling (Ridley). An epiphyte of Java and Borneo; in the Peninsula common.

Eria pendula, *Ridl.* Batu Caves (Ridley). An epiphyte of Sumatra and Borneo; in the Peninsula rare, Perak.

Trichotosia hispidissima, *Kranzl.* Ulu Langat (Goodenough). An epiphyte of Borneo; in the Peninsula rare, known only from this locality.

Phreatia linearis, *Ridl.* Ulu Langat (Kloss, fide Ridley). A small epiphyte of ?Sumatra; in the Peninsula rare, known only from this locality.

Phreatia minutiflora, *Lindl.* Batu Caves (Ridley). A small epiphyte of Sumatra, Borneo, Celebes, the Philippines and Samoa; in the Peninsula on mangrove trees and limestone, Setul, Perak, Johore, Singapore.

Agrostophyllum bicuspidatum, *J. J. Sm.* Seminyih (Hume). An epiphyte of Tenasserim to Celebes; in the Peninsula very common in forest from Kedah to Singapore.

Agrostophyllum callosum, *Rchb.* Rawang (Ridley). An epiphyte of Himalaya and Burma; in the Peninsula rare, Fraser Hill and Bukit Hitam (Selangor).

Agrostophyllum glumaceum, *Hook. fil.* Rawang; Seminyih; Ulu Gombak. A small epiphyte, endemic, Perak to Negri Sembilan in forest.

Agrostophyllum majus, *Hook. fil.* Ulu Gombak (Hume). An epiphyte of Sumatra and Borneo; in the Peninsula common in forest from Penang to Singapore.

Ceratostylis cryptantha, *Ridl.* Ulu Gombak (Hume). A small epiphyte, endemic, not common, Penang, Perak, Semangkok.

Ceratostylis pendula, *Hook. fil.* Kajang (Goodenough). An epiphyte of Borneo to the Philippines; in the Peninsula, Penang, Taiping, Selangor, Pahang, Johore, in forest.

Spathoglottis plicata, *Bl.* K. Lumpur; Seminyih; Sungai Buloh; Ulu Gombak. A terrestrial herb of W. Malaysia to New Guinea; in the Peninsula common in open places.

Calanthe veratrifolia, *R. Br.* Ulu Gombak (Hume). A terrestrial herb of Java; in the Peninsula Perak and Pahang to Malacca, in forest.

Calanthe veratrifolia, *R. Br.* Ulu Gombak (Hume). A terrestrial herb of Indo-Australia; in the Peninsula not uncommon in forest from the Taiping Hills to Singapore.

Preptanthe vestita, *Rchb. fil.* Top of the Batu Caves (Ridley). An epiphyte of Tenasserim, Borneo and Celebes; in the Peninsula very rare, doubtfully also from Pulau Adang.

Phaius Wallichii, *Lindl.* K. Lumpur (Ridley). A herb of Indo-Malaya and Polynesia; in the Peninsula not very common, Kedah, Penang, Pahang, Malacca, Johore, but often cultivated.

Cœlogyne pandurata, *Lindl.* Rawang; Ulu Gombak. An epiphyte of Sumatra and Borneo; in the Peninsula common in forest in Perak and Selangor.

Cœlogyne Rochussenii, *De Vriese.* Rawang (Ridley). An epiphyte of W. Malaysia; in the Peninsula common in forest.

Pholidota imbricata, *Lindl.* Batu Caves (Ridley). An epiphyte of Indo-Malaya to the Philippines; in the Peninsula not common, Langkawi and Perak.

Claderia viridiflora, *Hook. fil.* Seminyih; Ulu Gombak. A terrestrial herb of Sumatra and Borneo; in the Peninsula common in forest from Penang to Singapore.

Eulophia graminea, *Lindl.* Damansara Rd.; Rawang; Seminyih; Ulu Gombak. A herb of India, Siam and Rhio; in the Peninsula common in open places from Setul to Singapore.

Eulophia squalida, *Lindl.* K. Lumpur; Petaling. A terrestrial herb of W. Malaysia to the Philippines; in the Peninsula common in open grassy places.

Plocoglottis fœtida, *Ridl.* K. Lumpur; Rawang; Sungai Buloh. A tall herb, endemic, Perak to Singapore, in forest.

Plocoglottis javanica, *Bl.* Seminyih; Ulu Gombak. A terrestrial herb of Java and Borneo; in the Peninsula common in forest from Kedah to Singapore.

Plocoglottis porphyrophylla, *Ridl.* Seminyih; Ulu Gombak. A terrestrial herb of Sumatra and Borneo; in the Peninsula common, usually near the sea.

Grammatophyllum speciosum, *Bl.* K. Lumpur (Ridley). A very big epiphyte of Tenasserim to the Solomon Islands; in the Peninsula common in forest from Kedah to Singapore.

Bromheadia palustris, *Lindl.* Ulu Gombak (Hume). A terrestrial herb of W. Malaysia and Indo-China; in the Peninsula common in open places.

Adenoccos parviflora, *Lindl.* Batu Caves (Kelsall). A small epiphyte, endemic and local, rare.

Adenoncos virens, *Bl.* Batu Caves (Ridley). A small epiphyte of W. Malaysia; in the Peninsula common in forest and mangrove from Perak to Singapore.

Trichoglottis retusa, *Bl.* Batu Caves (Kelsall). A tall herb of Siam, Indo-China, Java, Borneo and the Philippines; in the Peninsula rare on limestone.

Saccolabium angræcum, *Ridl.* Batu Caves (Ridley). An epiphyte of Java; in the Peninsula rare, known only from this locality.

Saccolabium densiflorum, *Lindl.* Rawang (Ridley). An epiphyte of Indo-Malaya; in the Peninsula not common, Penang, Perak and Singapore.

Saccolabium latifolium, *Ridl.* Batu Caves (Kelsall), and var. *striatum*, *Ridl.* (Ridley). An epiphyte of Sumatra; in the Peninsula Setul to Johore in forest.

Saccolabium macrantherum, *Ridl.*, *Kew Bull.*, 10, 1926, p. 478. Ulu Gombak (Hume). A small epiphyte, endemic and local.

Saccolabium minimiflorum, *Hook. fl.* Batu Caves (Ridley). A small epiphyte of Siam; in the Peninsula rare, Perak.

Saccolabium tenuicaule, *Hook. fl.* Batu Caves (Ridley). An epiphyte, endemic and rare, Penang and Perak.

Microsaccus javensis, *Bl.* Batu Caves (Kelsall). A small epiphyte of Burma, Tenasserim, Siam, Java and Indo-China; in the Peninsula not common, Perak and Singapore.

Tæniophyllum macrorrhizum, *Ridl.* Batu Caves; Petaling. A small epiphyte, endemic, Langkawi, Perak, Pahang, Johore.

Tæniophyllum serrula, *Hook. fl.* Batu Caves; K. Lumpur. An epiphyte of Lower Siam; in the Peninsula common from Setul to Singapore.

Sarcochilus caligaris, *Ridl.* Batu Caves (Ridley). An epiphyte, endemic, not common in forest, Perak, Pahang, Negri Sembilan, Singapore.

Ascochilus hirtus, *Ridl.* Batu Caves (Ridley). A small epiphyte, endemic, Langkawi and Kelantan to Malacca, in forest.

Thrixspermum arachnites, *Rchb. fl.* Ulu Langat (Kloss, fide Ridley). An epiphyte of W. Malaysia; in the Peninsula common from Penang and Kelantan to Singapore.

Thrixspermum crassifolium, *Ridl.* Rantau Panjang (Hume). An epiphyte, endemic and rare, Pahang, Johore.

Thrixspermum lilacinum, *Rchb. fl.* Pudu (Good-enough). A terrestrial herb of Java and Borneo; in the Peninsula common in open grassy places.

Thrixspermum montanum, *Ridl.* Ulu Langat (Kloss, fide Ridley). A herb, endemic and local.

Thrixspermum notabile, *Ridl.* Seminyih (Hume). An epiphyte, endemic, not common, Perak, Johore and Singapore.

Dendrocolla filiformis, *Ridl.* Seminyih (Hume). An epiphyte of Lower Siam; in the Peninsula not common, Upper Perak to Singapore.

Acriopsis javanica, *Reinw.* Batu Tiga; Ulu Gombak. An epiphyte of Tenasserim to New Guinea; in the Peninsula common from Penang to Singapore.

Appendicula anceps, *Bl.* Batu Caves; Rawang. An epiphyte of Java, Borneo and the Philippines; in the Peninsula common in forest from Penang and Upper Perak to Singapore.

Appendicula cornuta, *Bl.* Ulu Gombak (Hume). A tufted epiphyte of Indo-Malaya to the Philippines, and S. China; in the Peninsula common in forest from Kedah to Singapore.

Appendicula purpurascens, *De Vriese.* Ulu Gombak (Ridley). An epiphyte of W. Malaysia to the Philippines; in the Peninsula Perak and Pahang to Selangor, usually montane.

Appendicula torta, *Bl.* Batu Caves; Rawang; Ulu Gombak. A tufted epiphyte of Java and Borneo; in the Peninsula not common in forest, Perak, Pahang and Johore.

Appendicula uncata, *Ridl.* Petaling (Ridley). A tufted epiphyte, endemic and rare, Fraser Hill and Singapore.

Thelasis capitata, *Bl.* Batu Caves (Ridley). An epiphyte of W. Malaysia to the Philippines; in the Peninsula not common in forest, Perak and Pahang.

Thelasis carinata, *Bl.* Batu Caves (Ridley). An epiphyte of W. Malaysia to the Philippines; in the Peninsula common in forest and mangrove from Kedah to Singapore.

Galeola Hydra, *Rchb.* Batu Caves; Kajang; K. Lumpur; Ulu Gombak. A saprophytic herb of Indo-Malaya to Java; in the Peninsula common in open places.

Aphyllorchis pallida, *Bl.* Seminyih (Hume). A saprophyte of Java, Borneo and the Philippines; in the Peninsula Penang and Upper Perak to Singapore in forest, commonest in the north.

Lecanorchis malaccensis, *Ridl.* Seminyih (Hume). A saprophytic herb of Siam and Borneo; in the Peninsula common in forest from Kedah to Singapore.

Corymbis longiflora, *Hook. fil.* Batu Caves; Ulu Gombak. A tall terrestrial orchid of Africa and Indo-Australia; in the Peninsula common in forest from Langkawi to Singapore.

Tropidia curculigoides, *Lindl.* Seminyih (Hume). A terrestrial herb of India and Borneo; in the Peninsula common in forest, usually montane.

Vrydagzynea lancifolia, *Ridl.* Ulu Gombak (Hume). A small herb, endemic, not very common in forest, Langkawi to Singapore.

Anæctochilus Reinwardtii, *Bl.* Ulu Gombak (Hume). A small terrestrial herb of Sumatra and Java; in the Peninsula Kedah, ?Penang, Perak, in forest.

Zeuxine clandestina, *Bl.* Ulu Gombak (Hume). A small terrestrial herb of Java; in the Peninsula not common, Penang, Negri Sembilan and Singapore.

CULTIVATED ORCHIDACEÆ.

Arundina speciosa, *Bl.* K. Lumpur on railway banks, planted or run wild (Ridley). A tall terrestrial herb of Burma, Java and Borneo; in the Peninsula commonly cultivated and wild in Setul and on Kedah Peak.

Paphiopedilum barbatum, *Pftz.* *Cypripedium barbatum* *Lindl.* A terrestrial herb of Siam; in the Peninsula montane, Kedah Peak, Penang Hill, Mt. Ophir, Gunong Belulut (Johore), and often cultivated.

Vanda Hookeriana, *Rchb. fil.* A sprawling orchid of Borneo; in the Peninsula common in the Kinta Valley, Perak, and occurring also in Johore, and often cultivated.

Vanilla planifolia, *Andr.* (Vanilla). Serdang Experimental Plantation. A climber of the West Indies, occasionally cultivated in the Peninsula.

ZINGIBERACEÆ.

Globba aurantiaca, *Miq.* Batu Caves; Kajang; Klang Gates; Seminyih; Sungai Buloh; Ulu Gombak; Weld's Hill. A herb of Sumatra and Borneo; in the Peninsula common in forest from Penang to Johore.

Globba cernua, *Bak.* Ulu Gombak (Hume). A herb, endemic, not uncommon north of Negri Sembilan, usually in montane forest.

Globba panicoides, *Miq.* Batang Berjuntai; Batu Caves; Klang Gates; K. Lumpur; Rantau Panjang; Seminyih. A tufted herb of Sumatra and Borneo; in the Peninsula common in forest from Langkawi to Singapore.

Globba perakensis, *Ridl.* Klang Gates; Ulu Gombak. A herb, endemic, Upper Perak and Kelantan to Pulau Tioman, in forest.

Globba uliginosa, *Miq.* Batang Berjuntai (Hume). A herb of Sumatra and Bangka; in the Peninsula not very common in forest, Penang to Singapore.

Globba variabilis, *Ridl.* Seminyih (Hume). A herb of Lingga and Borneo; in the Peninsula not uncommon in forest from Perak and Kelantan to Johore.

Camptandra parvula, *Ridl.* Ulu Gombak (Hume). A small herb, endemic, common in forest in the north.

Gastrochilus longifolia, *Ridl.* Ulu Gombak (Ridley). A herb, endemic and local.

Gastrochilus plicata, *Ridl.* Klang Gates (Ridley). A tufted herb, endemic and not common in forest, Upper Perak, Kelantan, Pahang and Johore.

Costus globosus, *Bl.* Batu Caves; Dusun Tua; Klang Gates; Petaling; Seminyih. A herb of W. Malaysia; in the Peninsula common in forest from Upper Perak to Singapore.

Costus speciosus, *Sm.* Klang Gates; Petaling; Seminyih; Ulu Gombak. A herb, widely Indo-Malayan; in the Peninsula common in open places from Perlis to Singapore.

Zingiber citrinum, *Ridl.* Dusun Tua; Kanching. A herb, endemic, not common in forest, Perak, Pahang, Selangor, Negri Sembilan, Johore.

Zingiber gracile, *Jack.* Kanching; K. Lumpur; Petaling; Ulu Gombak. A herb, endemic and common in forest from Penang to Singapore.

Zingiber spectabile, *Griff.* Petaling (Ridley). A herb of Sumatra; in the Peninsula common in forest north of Malacca.

Amomum hastilabium, *Ridl.* Dusun Tua (Ridley). A tall herb, endemic, not common in forest, Perak, Johore, Singapore.

Amomum lappaceum, *Ridl.* Ulu Gombak (Hume). A tall herb, endemic, Perak, Selangor, Pahang, Johore, in forest.

Amomum micranthum, *Ridl.* Batu Tiga (Ridley). A herb, endemic, not common in forest, Penang to Negri Sembilan.

Amomum testaceum, *Ridl.* Batu Caves (Ridley). A tall herb, endemic, not common, often near limestone, Setul, Perlis, Perak, Pulau Tioman.

Amomum uliginosum, *Kœn.* Dusun Tua (Ridley). A tall herb of Siam and Borneo; in the Peninsula common in forest from Kedah to Johore.

Hornstedtia albomarginata, *Ridl.* Bukit Raja; Petaling; Sungai Buloh. A large herb, endemic, Penang and Kelantan to Negri Sembilan, not uncommon, especially in the hills.

Hornstedtia pauciflora, *Ridl.* Batu Caves (Ridley). A tall herb, endemic and rare, near limestone, Gunong Inas (Perak).

Hornstedtia macrochilus, *Ridl.* Bukit Raja (Burkill). A tall herb, endemic, not very common in forest, Upper Perak and Kelantan to Singapore.

Hornstedtia megalochilus, *Ridl.* Klang Gates; K. Lumpur; Ulu Gombak. A tall herb of Lower Siam and Sumatra; in the Peninsula common in forest from Setul and Kelantan to Singapore.

Hornstedtia metriochilus, *Ridl.* Batu Caves; Petaling; Ulu Gombak. A tall herb, endemic, common in forest from Penang and Kelantan to Johore.

Hornstedtia scyphus, *Retz.* Bukit Raja; K. Lumpur; Ulu Gombak. A tall herb of Sumatra and Borneo; in the Peninsula common in forest from Taiping to Singapore.

Phaomeria imperialis, *Lindl.*, var. *speciosa*, *Ridl.* Rawang (Ridley). A tall herb of Sumatra and Java (the species); in the Peninsula the species often cultivated and persisting in abandoned ground, the var. wild in the Taiping Hills and at Ipoh.

Phaomeria Maingayi, *Schum.* Dusun Tua; Klang Gates. A tall herb, endemic, Upper Perak and Kelantan to Singapore in forest.

Plagiostachys lateralis, *Ridl.* Bukit Raja (Burkill). A tall herb, endemic, Upper Perak to Singapore, in forest.

Elettariopsis Curtisii, *Bak.* Bukit Raja (Burkill). A herb, endemic and rare, Penang Hill.

Elettariopsis latiflora, *Ridl.* Sungai Buloh (Good-enough). A creeping herb, endemic, not common in forest, Kedah Peak to Singapore.

Alpinia cannæfolia, *Ridl.* Dusun Tua (Ridley). A herb, endemic, rare, Negri Sembilan.

Alpinia javanica, *Bl.* Batu Caves; Klang Gates; K. Lumpur; Seminyih. A herb of Sumatra and Java; in the Peninsula common in forest from Perak and Kelantan to Johore.

Alpinia Rafflesiana, *Wall.* Ulu Gombak (Hume). A herb, endemic and common in forest from Penang to Singapore.

Alpinia vitellina, *Ridl.* Dusun Tua (Ridley). A herb, endemic, not common in forest, Penang and Johore.

CULTIVATED ZINGIBERACEÆ.

Alpinia Galanga, *Sw.* Circular Road Plantation, K. Lumpur (Forest Dept.). A tall herb of Indo-Malaya to the Philippines and Moluccas; in the Peninsula commonly cultivated and persisting in abandoned ground.

Curcuma domestica, *Valet.* (Turmeric). A herb of Java, commonly cultivated in the Peninsula.

Hedychium coronarium, *Linn.* Common in gardens. A herb of India, cultivated in most tropical countries.

Kæmpferia Galanga, *Linn.* A herb of Indo-Malaya; in the Peninsula often cultivated and escaping.

Zingiber officinale, *Rosc.* (Ginger). A herb, native of Trop. Asia and cultivated in all tropics.

MARANTACEÆ.

Donax arundastrum, *Lour.* Batu Caves (Ridley). A tall herb of Burma, Indo-China, Sumatra and Borneo; in the Peninsula not very common, Upper Perak and Kelantan to Johore, often in tidal rivers.

Donax grandis, *Ridl.* Batu Caves; Klang Gates; Rawang; Seminyih; Ulu Gombak. A tall herbaceous plant of Tenasserim, Siam, Sumatra and Borneo; in the Peninsula common in forest.

Stachyphrynium Jagoranum, *Schum.* Batu Caves; Dusun Tua; K. Lumpur. A herb, endemic, Setul to Negri Sembilan, commonest in the north in open places.

Phrynium hirtum, *Ridl.* Dusun Tua; Ulu Gombak. A stemless herb, endemic and common in forest from Kedah to Johore.

Phrynium malaccense, *Ridl.* Kuang; Petaling; Ulu Gombak. A stemless herb of Lower Siam; in the Peninsula common in forest from Langkawi to Johore.

Phrynium tristachyum, *Ridl.* Bukit Lagong (Burkill and Foxworthy). A stemless herb, endemic and local.

CULTIVATED MARANTACEÆ.

Maranta arundinacea, *Linn.* (Arrow-root). Serdang Experimental Plantation. A herb of S. America, cultivated in the Peninsula usually as an ornamental plant.

CANNACEÆ, CULTIVATED.

Canna orientalis, *Rosc.* In gardens, and occurring in waste ground. A tall herb, probably native of India.

LOWIACEÆ.

Orchidantha longiflora, *Ridl.* Batu Caves; Klang Gates; Ulu Langat. A large tufted plant, endemic and not uncommon in forest, but not often flowering.

MUSACEÆ.

Musa malaccensis, *Ridl.* K. Lumpur; Ulu Gombak. An arborescent herb, endemic, common from Perlis to north Johore, in forest.

Musa violascens, *Ridl.* K. Lumpur; Petaling; Ulu Gombak. An arborescent herb of Borneo; in the Peninsula common in forest from Upper Perak and Pahang to Negri Sembilan.

CULTIVATED MUSACEÆ.

Musa sapientium, *Linn.* (Banana or Plantain). An arborescent herb of uncertain origin, cultivated in most tropical countries.

Musa textilis, *Nees.* (Manila Hemp). Serdang Experimental Plantation. An arborescent herb of the Philippines; in the Peninsula occasionally cultivated.

Ravenala madagascariensis, *Sonn.* (The Travellers' Palm). Common in gardens. An arborescent herb of Madagascar; in the Peninsula often cultivated.

APOSTASIACEÆ.

Apostasia latifolia, *Rolfe.* Ulu Gombak (Hume). A climber, endemic, not common in forest, Perak and Mt. Ophir.

Apostasia nuda, *R. Br.* Seminyih (Hume). A woody herb of Indo-Malaya; in the Peninsula Kedah to Singapore, in forest.

Apostasia Wallichii, *Br.* Seminyih (Hume). A woody climbing herb of Indo-Malaya to New Guinea; in the Peninsula not very common in forest, Penang to Johore.

BROMELIACEÆ, CULTIVATED.

Ananas sativus, *Schultes fil.* (Pineapple). A herb, pantropic in cultivation, native of Trop. America.

HAEMODORACEÆ, CULTIVATED.

Sansevieria zeylanica, *Willd.* (Bow String Hemp). Cultivated in various localities. A succulent plant of Trop. Asia and Africa, often cultivated in the Peninsula.

IRIDACEÆ, CULTIVATED.

Trimezia lurida, *Salisb.* Public Gardens, K. Lumpur, in grass, escaping from cultivation. Native of Mexico.

AMARYLLIDACEÆ.

Curculigo latifolia, *Dryand.* K. Lumpur; Seminyih; Ulu Gombak. A herb of Indo-Malaya; in the Peninsula common in forest.

Curculigo villosa, *Wall.* Batu Tiga (Ridley). A herb of W. Malaysia; in the Peninsula common in open places in the south.

CULTIVATED AMARYLLIDACEÆ.

Agave rigida, *Mill.*, var *sisalana*. (Sisal Hemp). Serdang Experimental Plantation. A succulent plant of Mexico; in the Peninsula cultivated for fibre and as an ornament.

Furcraea gigantea, *Vent.* (Mauritius Hemp). Serdang Experimental Plantation. A succulent plant of Trop. America; in the Peninsula cultivated for fibre.

BURMANNIACEÆ.

Burmattia cœlestis, *Don.* Ampang (Brooks). A herb of Indo-Australia and China; in the Peninsula common in open sandy places.

Burmattia tuberosa, *Becc.* Petaling (Ridley). A small saprophyte of Borneo and New Guinea; in the Peninsula Kedah to Singapore, in damp places in forest.

Gymnosiphon aphyllum, *Bl.* Petaling (Ridley). A small saprophyte of Sumatra and Borneo to Papua; in the Peninsula common in forest but sporadic.

Thismia aseræ, *Becc.* Petaling (Ridley). A small saprophyte, endemic, not common in forest, Pahang and Singapore.

Thismia fumida, *Ridl.* Petaling (Ridley). A small saprophyte, endemic, very rare, known also from Chan Chu Kang (Singapore).

TACCACEÆ.

Tacca cristata, *Jack.* Batang Berjuntai; Kanching; Rantau Panjang; K. Lumpur; Sungai Buloh; Ulu Langat. A herb of Burma; in the Peninsula common in forest.

DIOSCOREACEÆ.

Stenomeris borneensis, *Oliv.* Batu Caves (Ridley). A slender climber of Borneo; in the Peninsula very rare, known only from this locality.

Dioscorea bulbifera, *Linn.* Batu Caves; Bukit Raja; K. Lumpur. A climber of Africa and Indo-Australia; in the Peninsula common in waste ground from Langkawi to Singapore.

Dioscorea laurifolia, *Wall.* K. Lumpur; Ulu Gombak. A climber, endemic and common on forest edges.

Dioscorea polyclades, *Hook. fil.* Rawang; Ulu Gombak; Weld's Hill. A climber of W. Malaysia; in the Peninsula not very common on forest edges, Kelantan, Perak, Pahang, Negri Sembilan, Johore and Singapore.

Dioscorea Porteri, *Prain and Burkill.* Bukit Raja; Sungai Buloh; Weld's Hill. A climber, endemic, Kedah, Penang, Province Wellesley, Negri Sembilan, Johore and Singapore.

Dioscorea pyrifolia, *Kunth*. Batu Caves; Bukit Raja; Kanching; Klang Gates; Sungai Buloh; Weld's Hill. A climber of W. Malaysia; in the Peninsula common in hedges.

Dioscorea stenomeriflora, *Prain and Burkill*. Batu Tiga (Ridley). A slender climber, endemic and rare, Taiping Hills, Singapore.

Dioscorea triphylla, *Linn*. K. Lumpur; Weld's Hill. A climber of Indo-Malaya; in the Peninsula common from Penang and Upper Perak to Singapore.

Dioscorea Zollingeriana, *Kunth*. Batu Caves (Burkill). A climber of Tenasserim, Sumatra and Java; in the Peninsula Perak to Singapore, in forest.

CULTIVATED DIOSCOREACEÆ.

Dioscorea alata, *Linn*. A Yam extensively cultivated in the East, not known in a wild state.

LILIACEÆ.

Peliosanthes albida, *Baker*. Klang Gates (Ridley). A herb of Sumatra and Borneo; in the Peninsula not common in forest, Penang, Perak, Selangor and Malacca.

Peliosanthes violacea, *Wall*. K. Lumpur; Ulu Gombak. A herb of India and Lower Siam; in the Peninsula common in forest.

Dianella ensifolia, *Redoubte*. Rantau Panjang; Seminyih; Ulu Gombak; Weld's Hill. A herb of Indo-Australia and the Mascarene Islands; in the Peninsula common in forest from Setul to Singapore.

Tupistra grandis, *Ridl*. Ulu Gombak (Burkill, Hume). A herb, endemic, not common in forest, Perak and Fraser Hill.

Dracæna aurantiaca, *Wall*. Ulu Gombak (Hume). A shrub of Borneo; in the Peninsula common from the Adang Islands to Singapore.

Dracæna congesta, *Ridl*. Batu Caves (Ridley). A small shrub of Borneo; in the Peninsula Kedah to Mt. Ophir, often on limestone.

Dracæna elliptica, *Thunb*. Batu Caves (Kelsall). A shrub of Indo-Malaya; in the Peninsula common in forest from Kedah to Singapore.

Dracæna Porteri *Baker*. Petaling; Ulu Gombak. A shrub of Siam; in the Peninsula common in forest from Penang and Kelantan to Singapore.

Dracæna singaporensis, *Ridl*. Dusun Tua; Seminyih; Ulu Gombak. A small shrub, endemic, not common in forest, Pahang to Singapore.

Smilax barbata, *Wall.* K. Lumpur (Ridley). A climber of Bangka; in the Peninsula common in open places in the south.

Smilax calophylla, *Wall.* Batang Berjuntai; Bukit Raja; Ulu Gombak. An erect shrub of Sumatra; in the Peninsula common in forest from Kedah to Singapore.

Smilax Helferi, *DC.* K. Lumpur (Ridley). A climber of Tenasserim and Lower Siam in the Peninsula common north of Malacca.

Smilax leucophylla, *Bl.* Sungai Buloh (Ridley). A climber of Indo-China to the Philippines and Moluccas; in the Peninsula Penang to Singapore in forest.

Smilax myosotiflora, *A. DC.* Ulu Gombak (Hume). A slender climber of Lower Siam and Java; in the Peninsula common in forest from Kedah to Singapore.

CULTIVATED LILIACEÆ.

Cordyline terminalis, *Kunth.* ("Dracæna"). Common in gardens. A shrub of India to Polynesia, but often only cultivated, as in the Peninsula.

Gloriosa superba, *Linn.* A herb of Africa, Indo-Malaya and Indo-China; in the Peninsula probably not wild anywhere, but often cultivated.

PONTEDERIACEÆ.

Eichornia crassipes, *Solms.* (The "Water Hyacinth"). Ampang; Pudu. An aquatic herb, introduced from Trop. America, and now common in the Peninsula.

COMMELINACEÆ.

Pollia sorzogonensis, *Endl.* Batu Caves; Klang Gates; Ulu Gombak. A herb of Indo-Malaysia and China; in the Peninsula common in forest from Langkawi and Patani to Singapore.

Pollia sumatrana, *Hassk.* Ulu Gombak (Hume). A herb of Sumatra and the Philippines; in the Peninsula rare in forest, Perak.

Pollia thyrsoflora, *Endl.* K. Lumpur; Seminyih; Ulu Gombak. A herb of Tenasserim to New Guinea; in the Peninsula common in forest and near streams from Langkawi to Pulau Tioman.

Commelina clavata, *Clarke.* Batu Caves (Ridley). A creeping herb of India Sumatra and Java; in the Peninsula rare, Ulu Selama (Perak).

Commelina nudiflora, *Linn.* K. Lumpur; Klang Gates; Seminyih; Ulu Gombak. A pantropic herb; in the Peninsula common in waste ground from Penang to Singapore.

Aneilema conspicuum, *Kunth*. Ulu Gombak (Hume). A herb of Burma to Java; in the Peninsula Penang and Kelantan to Malacca, in forest.

Aneilema lineolatum, *Kunth*. Rawang (Ridley). A herb of Indo-Malaya; in the Peninsula common in forest north of Selangor.

Aneilema nudiflorum, *Br.* Rantau Panjang; Seminyih; Ulu Gombak. A herb of S. E. Asia; in the Peninsula common in waste and sandy ground.

Cyanotis capitata, *Clarke*. Batu Caves (Ridley). A creeping herb of India to Japan and New Guinea; in the Peninsula not common in open grassy spots, Upper Perak, Kelantan, Pahang.

Floscopa scandens, *Lour.* Klang Gates; Ulu Gombak. A herb of Indo-Australia and China; in the Peninsula common in ditches from Penang and Kelantan to Singapore.

Forrestia gracilis, *Ridl.* Batu Tiga; Rantau Panjang; Seminyih; Sungai Buloh; Ulu Gombak. A herb, endemic, common in forest from Kedah and Kelantan to Singapore.

Forrestia Griffithii, *Clarke*. Klang Gates (Ridley). A herb, endemic, Perak, Malacca, Mt. Ophir, Negri Sembilan, Johore, in forest.

Forrestia irritans, *Ridl.* Seminyih; Ulu Gombak. A herb, endemic, not common in forest, usually montane, Perak to Negri Sembilan.

Forrestia monosperma, *Clarke*. Batu Caves (Ridley). A herb, endemic, not very common in forest, Upper Perak to Selangor.

ALISMACEÆ.

Ranalisma rostrata, *Stapf*. Batu Caves (Ridley). A herb, endemic and local, very rare.

Sagittaria sagittæfolia, *Linn.* Seminyih (Hume 8328, in fl. July). An aquatic herb of China; in the Peninsula cultivated by Chinese as food for pigs, and apparently very rarely flowering.

NAIADACEÆ.

Naias ?minor, *All.* Dusun Tua (Ridley).

FLAGELLARIACEÆ.

Flagellaria indica, *Linn.* K. Lumpur (Ridley, Forest Dept.). A climbing shrub of the tropics of the Old World; in the Peninsula common from Penang to Singapore, chiefly on seashores and in sandy places.

Susum malayanum, *Hook.* Batu Tiga; K. Lumpur; Ulu Gombak. A large herb of Java and Borneo; in the Peninsula common in forest from Penang to Singapore.

PALMÆ.

Pinanga calamifrons, *Becc.* Ulu Gombak (Hume). A small palm of Borneo; in the Peninsula not common, Kedah Peak and Negri Sembilan.

Pinanga disticha, *Bl.* Batu Caves; Petaling; Rawang; Seminyih. A small palm of Lower Siam and Sumatra; in the Peninsula common in forest from Kedah and Kelantan to Singapore.

Pinanga pectinata, *Becc.* Batu Tiga (Ridley). A small palm, endemic, Perak and Johore, in forest.

Pinanga Scortechinii, *Becc.* Ulu Gombak (Hume). A small palm of Lower Siam; in the Peninsula common in forest from Penang and Kelantan to Johore.

Pinanga subintegra, *Ridl.* Ulu Gombak (Hume). A small palm, endemic, not common, Kelantan, Perak, Pahang, Johore, in forest.

Nenga macrocarpa, *Scort.* Ulu Gombak (Hume). A palm, endemic and common in forest from Kedah to Johore.

Iguanura geonomæformis, *Mart.* K. Lumpur (var. *malaccensis*, *Ridl.*); Petaling (var. *malaccensis*); Rawang; Seminyih; Ulu Gombak. A small palm, endemic and common in forest.

Didymosperma hastata, *Becc.* Petaling; Rawang; Sungai Buloh. A small palm, endemic, not common in forest, Perak.

Caryota mitis, *Lour.* Batu Caves; Ulu Gombak. A palm of Indo-Malaya; in the Peninsula Perlis to Singapore, common.

Livistona rupicola, *Ridl.* Batu Caves (Ridley). A palm, endemic and rare on limestone, Langkawi.

Pholidocarpus macrocarpa, *Becc.* Batu Tiga; Petaling. A tall palm, endemic and rare in forest, Perak and the Dindings.

Licuala ferruginea, *Becc.* Batu Caves; K. Lumpur. A small palm of Sumatra; in the Peninsula Kedah, Pahang, Negri Sembilan, Johore, Singapore, common in the south.

Licuala Kingiana, *Becc.* Rantau Panjang (Ridley, Hume). A small palm, endemic and not common in forest, Perak.

Licuala Kunstleri, *Becc.* Ulu Gombak (Hume). A small palm, endemic, not common in forest, Penang, Upper Perak, Kelantan, Perak, Pahang.

Licuala modesta, *Becc.* Seminyih (Hume). A small palm, endemic and rare in forest, Taiping Hills and Kuala Kangsar.

Zalacca conferta, *Griff.* K. Lumpur (Ridley). A shortstemmed palm of Borneo; in the Peninsula common in swamps, Perak and the Dindings to Singapore.

Zalacca glabrescens, *Griff.* K. Lumpur (Ridley). A stemless palm, endemic, Penang, Kelantan, Pahang, Selangor, in forest.

Eugeissonia tristis, *Griff.* K. Lumpur; Ulu Gombak. A large tufted palm of Borneo; in the Peninsula common in forest on the west from Penang to Johore.

Dæmonorops calicarpus, *Mart.* Dusun Tua; ?K. Lumpur. A tufted palm, endemic and common in forest from Penang to Johore.

Dæmonorops carcharodon, *Ridl.* Batu Tiga (Ridley). A climbing palm, endemic and rare, Singapore.

Dæmonorops didymophyllus, *Becc.* Rawang (Ridley). A climbing palm of Borneo; in the Peninsula not uncommon in forest from Penang to Singapore.

Dæmonorops grandis, *Mart.* Batu Tiga (Ridley). A climbing palm, endemic, Kedah Peak to Singapore, common in the south in forest.

Dæmonorops hygrophyllus, *Mart.* Batang Berjuntai; Petaling. A stout climbing palm, endemic, not common, Taiping Hills and Malacca.

Dæmonorops Hystrix, *Mart.* Batu Tiga (Ridley). A climbing palm of W. Malaysia; in the Peninsula common in forest from Penang to Singapore.

Dæmonorops periacanthus, *Miq.* Ulu Gombak (Hume). A stout climbing palm of Sumatra, Bangka and Borneo; in the Peninsula Perak to Singapore, in forest.

Dæmonorops propinquus, *Becc.* K. Lumpur; Seminyih. A climbing palm of Sumatra; in the Peninsula Penang and Upper Perak to Singapore, in forest.

Dæmonorops setigerus, *Ridl.* Ulu Gombak (Ridley). A climbing palm, endemic, Taiping Hills to Singapore, common in forest.

Ceratolobus lævigatus, *Becc.* K. Lumpur; Sungai Buloh. A climbing palm, endemic, Perak, Dindings, Semangkok Pass, Pulau Tioman, in forest.

Calamus castaneus, *Griff.* K. Lumpur; Kuang; Seminyih. A tufted palm, endemic and common in forest from Penang and Upper Perak to Johore.

Calamus ciliaris, *Bl.* Ulu Gombak (Hume). A climbing palm of W. Malaysia; in the Peninsula not very common, Perak and Pahang to Johore.

Calamus conirostris, *Becc.* Weld's Hill (Ridley). A climbing palm, endemic and rare in forest, Gopeng (Perak).

Calamus Curtisii, *Ridl.* K. Lumpur (Curtis). A climbing palm, endemic, not common in forest, Perak and Pahang.

Calamus densiflorus, *Becc.* Batang Berjuntai; K. Lumpur. A climbing palm, endemic, Taiping to Singapore, in forest.

Calamus Diepenhorstii, *Miq.* Selangor, without precise locality (Cantley's collector). A climbing palm of Sumatra and Borneo; in the Peninsula common in forest from Penang to Singapore.

Calamus filipendulus, *Becc.* Rawang (Ridley). A climbing palm, endemic and rare, Perak and Pahang.

Calamus javensis, *Bl.* Batu Caves; Klang Gates; K. Lumpur (the species and var. *purpurascens*, *Ridl.*). A climbing palm of Java and Borneo; in the Peninsula common in forest from Penang and Kelantan to Singapore.

Calamus Lobbianus, *Becc.* Petaling; Ulu Gombak. A short-stemmed palm of Borneo; in the Peninsula Pahang, Negri Sembilan, Johore and Singapore, in forest.

Calamus luridus, *Becc.* Rawang (Ridley). A climbing palm of Borneo; in the Peninsula Taiping to Singapore, in forest.

Calamus neglectus, *Becc.* K. Lumpur (Ridley). A climbing palm, endemic and apparently rare, Malacca.

Calamus perakensis, *Becc.* Ulu Gombak (Hume). A climbing palm, endemic, not common in montane forest, Pahang, Selangor.

Calamus ramosissimus, *Griff.* Seminyih; Ulu Gombak. A climbing palm, endemic, Kedah Peak to Negri Sembilan, in forest.

Calamus scipionum, *Lour.* Batu Tiga; K. Lumpur. A large climbing palm of Sumatra, Borneo and Indo-China; in the Peninsula Perak and Malacca, in forest.

Calamus singaporensis, *Becc.* Seminyih (Hume). A climbing palm, endemic, Penang to Singapore.

Plectocomiopsis dubius, *Becc.* Rantau Panjang (Ridley). A climbing palm, endemic and local.

Plectocomiopsis geminiflorus, *Becc.* Rantau Panjang; Sungai Buloh. A huge climbing palm of Tenasserim, Sumatra and ?Borneo; in the Peninsula not common in forest, Perak.

Korthalsia polystachya, *Mart.* Bukit Tunggal Forest Reserve (Forest Dept.). A climbing palm, endemic, not common in forest, Malacca, Johore and Singapore.

Plectocomia Griffithii, *Becc.* Sungai Buloh (Ridley). A large climbing palm, endemic and common in forest from Penang to Singapore.

CULTIVATED PALMÆ.

Areca catechu, *Linn.* (The Betel-nut Palm). Common in gardens and villages. A tall palm of doubtful origin, cultivated from India to Polynesia.

Arenga saccharifera, *Labill.* (The Sugar Palm). A palm of Indo-Malaya; in the Peninsula widely cultivated, doubtfully wild.

Cocos nucifera, *Linn.* (The Coconut Palm). Commonly cultivated, as it is in all tropical countries.

Cyrtostachys Lakka, *Becc.* (Sealing-wax Palm). Common in gardens. A tufted palm of Borneo; in the Peninsula common on tidal river banks and in swamps.

Elæis guineensis, *Jacq.* (The Oil Palm). A native of Trop. Africa.

Metroxylon sagus, *Rothb.* (The Sago Palm). A tall palm, cultivated throughout Malaya.

Oreodoxa regia, *H. B. K.* (The Royal Palm). Public Gardens, K. Lumpur. A palm of Cuba and Panama; in the Peninsula often cultivated.

PANDANACEÆ.

Pandanus helicopus, *Kurz.* K. Lumpur; Rawang. A tall pandan of Sumatra and Bangka; in the Peninsula not common in rivers, Johore and Singapore.

Pandanus immersus, *Ridl.* Batu Tiga (Ridley). An aquatic pandan, endemic and local, known also from the Labu river, Selangor.

Pandanus ornatus, *Kurz.* Ulu Gombak (Hume). A tall bushy pandan, endemic and common in forest from Kedah to Singapore.

Freycinetia acuminata, *Ridl.* Kuang; Sungai Buloh. A climbing shrub, endemic and rare, known only from these localities.

Freycinetia angustifolia, *Bl.* Ulu Gombak (Hume). A slender climbing shrub of W. Malaysia; in the Peninsula not common in forest, Bukit Hitam (Selangor), Malacca, Johore.

ARACEÆ.

Arisæma Roxburghii, *Kunth.* Batu Caves; Ulu Gombak. A tuberous herb of Java; in the Peninsula Langkawi to Selangor in forest.

Typhonium fultum, *Ridl.* Batu Caves (Ridley). A small herb, endemic and rare on limestone, Langkawi.

Amorphophallus Prainii, *Hook. fil.* Batu Caves (Ridley). A large tuberous herb of Sumatra; in the Peninsula Penang to Pahang and Negri Sembilan, in forest.

Colocasia gigantea, *Hook. fil.* Batu Caves; Ulu Gombak. A large herb of Siam, Indo-China, Java and Borneo; in the Peninsula not common, chiefly on limestone in Perak.

Alocasia denudata, *Engl.* Seminyih; Ulu Gombak. A herb of Lower Siam, Lingga and Borneo; in the Peninsula common from Langkawi to Singapore.

Alocasia Lowii, *Hook. fil.* Batu Caves (Ridley). A herb of Java and Borneo; in the Peninsula Perlis to Johore, often on limestone.

Alocasia ovalifolia, *Ridl.* Batu Caves (Ridley). A herb, endemic, Penang to Johore, in forest.

Aglaonema oblongifolium, *Schott.* Batu Caves; Ulu Gombak. A herb of Lower Siam, Lingga, and Borneo; in the Peninsula common in forest from Langkawi to Singapore.

Aglaonema pictum, *Kunth.* Batu Caves; Dusun Tua (var. *Scortechinii*, *Ridl.*); Klang Gates; K. Lumpur; Ulu Gombak. A herb of Burma and Sumatra; in the Peninsula common in forest from Perak to Singapore.

Homalomena coerulescens, *Jungh.* Bukit Raja; Dusun Tua; Seminyih; Sungai Buloh; Weld's Hill. A herb of W. Malaysia except Borneo; in the Peninsula common in forest from Penang to Singapore.

Homalomena crassa, *Ridl.* Kajang (Ridley). A herb, endemic and rare in forest, known also from Ginting Bidai (Selangor).

Homalomena Griffithii, *Hook. fil.* Ulu Gombak (Hume). A herb of Borneo; in the Peninsula common in forest from Penang to Singapore.

Homalomena humilis, *Hook. fil.* Batu Caves; Klang Gates; K. Lumpur; Petaling; Rantau Panjang; Ulu Gombak. A herb of Sumatra and Borneo; in the Peninsula common in forest from Penang to Selangor.

Homalomena lancifolia, *Hook. fil.* Ulu Gombak (Hume). A herb, endemic, not common in forest, Perak, Pahang and Selangor.

Homalomena purpurascens, *Schott.* Klang Gates (Ridley). A herb of W. Malaysia to the Philippines; in the Peninsula common in forest from Penang to Singapore.

Homalomena rostrata, *Griff.* Batang Berjuntai; K. Lumpur. A herb, endemic, not common in forest, Pahang and Selangor to Johore.

Homalomena Scortechinii, *Hook. fil.* Ulu Gombak (Hume). A herb, endemic, Upper Perak, Perak, Negri Sembilan, in forest.

Schismatoglottis brevicuspis, *Hook. fil.* Petaling (Ridley). A herb, endemic, Penang and Upper Perak to Malacca, in forest.

Schismatoglottis calyptrata, *Zoll. and Mor.* Batu Caves; Petaling; Ulu Gombak. A herb of Indo-Malaya; in the Peninsula common in forest from Penang to Singapore.

Schismatoglottis mutata, *Hook. fil.* Batu Caves (Engler). A herb endemic, not very common Perak and Selangor, often on limestone.

Schismatoglottis Scortechinii, *Hook. fil.* Klang Gates; K. Lumpur; Rawang; Ulu Gombak. A herb, endemic, not common in forest, Perak, Pahang, Johore.

Schismatoglottis Wallichii, *Hook. fil.* Batang Berjuntai; Batu Tiga; Rantau Panjang; Seminyih. A herb, endemic, Province Wellesley and Kelantan to Singapore, in forest.

Piptospatha perakensis, *Ridl.* Klang Gates; Ulu Gombak. A herb, endemic, Perak and Pahang to Malacca, on rocks in streams.

Anadendrum marginatum, *Schott.* Batu Caves; Ulu Gombak. A climbing epiphyte of Sumatra; in the Peninsula not very common in forest, Langkawi to Selangor and Pahang.

Anadendrum montanum, *Schott.* Batu Caves; Batu Tiga; Klang Gates; Sungai Buloh. A climbing epiphyte of Tenasserim to Celebes; in the Peninsula common in forest from Langkawi to Singapore.

Scindapsus hederacea, *Schott.* Batu Caves (Ridley). A shrubby climber of W. Malaysia to the Philippines; in the Peninsula Langkawi to Singapore in forest.

Scindapsus perakensis, *Hook. fil.* Batu Caves (Ridley). A climber of Java and Borneo; in the Peninsula not common in forest, Upper Perak to Malacca.

Epipremnopsis media, *Engl.* Klang Gates (Hume). A climbing shrub of Java, Borneo and the Philippines; in the Peninsula common in forest from Penang to Singapore.

Raphidophora Beccarii, *Engl.* Kuang; Rawang; Ulu Gombak. A climbing shrub of Siam and Borneo; in the Peninsula Penang and Upper Perak to Selangor.

Raphidophora Burkilliana, *Ridl.* Batu Caves (Md. Nur). A climber, endemic and local.

Raphidophora crassifolia, *Hook. fil.* Rawang (Ridley). A climbing shrub, endemic and rare in forest, Taiping and Batang Padang.

Raphidophora Korthalsii, *Schott*, var. *angustiloba*, *Engl.* Batu Caves (Ridley). A climber of Java and Borneo; in the Peninsula common in forest from Penang to Singapore (the species).

Raphidophora Maingayi, *Hook. fil.* Batang Berjuntai; Batu Caves; Seminyih. A climbing shrub, endemic, Malacca, and Singapore (common).

Raphidophora minor, *Hook. fil.* Klang Gates (Hume). A slender climbing shrub of Borneo; in the Peninsula Setul to Singapore, commonest in the south.

Raphidophora pteropoda, *Engl.* Batu Caves (Ridley). A climber of Sumatra and New Guinea; in the Peninsula not common in forest, Penang and Perak.

Raphidophora Wrayi, *Hook. fil.* Batu Caves (Engler). A climber, endemic, Penang, Perak, Pahang, in forest.

Lasia aculeata, *Lour.* Batu Caves; Batu Tiga; Seminyih. A tall herb of Indo-Malaya and Indo-China; in the Peninsula Penang to Singapore in wet places and tidal swamps.

Pothos latifolius, *Hook. fil.* K. Lumpur (Ridley). A climber of W. Malaysia except Borneo; in the Peninsula common in forest from Penang to Singapore.

Pothos lorispatha, *Ridl.* Batu Caves (Ridley). A slender climber, endemic and local.

Pothos scandens, *Linn.* Batu Caves; K. Lumpur. A climbing herb of Indo-Malaya; in the Peninsula Kedah, Penang, Perak and Pahang, in forest.

LEMNACEÆ.

Lemna paucicostata, *Hegelmaier.* K. Lumpur (Burkill). A minute aquatic plant, pantropic; in the Peninsula common in ditches.

Lemna polyrrhiza, *Linn.* Circular Road Plantation, K. Lumpur (Burkill). A cosmopolitan aquatic plant; in the Peninsula not common, Singapore.

Wolfia arrhiza, *Winm.* Circular Road Plantation, K. Lumpur (Burkill). A cosmopolitan aquatic plant; in the Peninsula not common, but abundant where it occurs, Malacca and Singapore.

ERIOCAULACEÆ.

Eriocaulon sexangulare, *Linn.* K. Lumpur; Ulu Gombak. A grasslike herb of Trop. Asia and Madagascar; in the Peninsula common in damp places.

CYPERACEÆ.

Kyllinga brevifolia, *Rottb.* Ampang; Batang Berjuntai; K. Lumpur; Ulu Gombak. A pantropic sedge; in the Peninsula common in waste ground.

Kyllinga melanosperma, *Nees.* Rantau Panjang; Seminyih; Ulu Gombak. A sedge of Africa, India, Java and the Philippines; in the Peninsula not common in grass.

Kyllinga monocephala, *Rottb.* Ampang; K. Lumpur; Seminyih; Ulu Gombak. A pantropic sedge; in the Peninsula common in grass.

Pycreus polystachyus, *Beauv.* Batang Berjuntai; Seminyih; Ulu Gombak. A sedge, pantropic; in the Peninsula common in waste ground.

Cyperus compressus, *Linn.* Klang Gates; Pudu; Ulu Gombak. A tufted sedge, pantropic; in the Peninsula common in waste ground from Penang to Singapore.

Cyperus diffusus, *Vahl.* Batu Caves; Klang Gates; K. Lumpur (the species and var. *pubisquama*, *Ridl.*); Seminyih; Ulu Gombak. A sedge, pantropic; in the Peninsula common from Kedah to Singapore in sandy places.

Cyperus digitatus, *Roxb.* K. Lumpur (Ridley). A tall sedge, pantropic; in the Peninsula common in ditches.

Cyperus distans, *Linn.* Ampang; Batang Berjuntai; K. Lumpur; Ulu Gombak. A sedge, pantropic; in the Peninsula common in wet places.

Cyperus Haspan, *Linn.* Ampang; K. Lumpur; Rantau Panjang; Seminyih; Ulu Gombak. A sedge, pantropic; in the Peninsula common in wet open places.

Cyperus Iria, *Linn.* Ampang; K. Lumpur; Seminyih; Ulu Gombak. A sedge of the tropics of the Old World; in the Peninsula common in ricefields, etc.

Cyperus pilosus, *Vahl.* Ampang; K. Lumpur; Pudu; Rantau Panjang; Seminyih; Ulu Gombak. A sedge of Africa and Trop. Asia to the Philippines; in the Peninsula common in wet places.

Cyperus pulcherrimus, *Willd.* Batu Caves; K. Lumpur. A tufted sedge of India to Java and Borneo; in the Peninsula common in wet places from Perlis to Selangor and Pahang.

Cyperus rotundus, *Linn.* K. Lumpur (Hume). A sedge, pantropic; in the Peninsula common in waste ground.

Cyperus Zollingeri, *Steud.* K. Lumpur (Hume). A sedge of Trop. Africa and Asia to Australia; in the Peninsula common in dry places.

Mariscus cyperinus, *Vahl.* Seminyih; Ulu Gombak. A sedge of Trop. Asia to Polynesia; in the Peninsula common in waste ground.

Mariscus microcephalus, *Presl.* K. Lumpur; Pudu. A tufted sedge of Mauritius and Indo-Malaya; in the Peninsula common near the sea or in damp places.

Mariscus sieberianus, *Nees.* Batu Caves; Kepong; K. Lumpur; Ulu Gombak. A pantropic sedge; in the Peninsula common in waste ground.

Eleocharis chaëteria, *Ræm. & Schultes*. Batang Berjuntai; Klang Gates; K. Lumpur. A small tufted sedge, pantropic; in the Peninsula common in damp places.

Eleocharis ochrostachys, *Steud.* Rantau Panjang (Hume). A tufted sedge of Java and Borneo; in the Peninsula common in wet places.

Fimbristylis asperrima *Bæck.* Ampang; Weld's Hill. A sedge of Indo-Malaya; in the Peninsula common in shade.

Fimbristylis diphylla, *Vahl.* Batang Berjuntai; Dusun Tua; Klang Gates; K. Lumpur; Pudu; Seminyih; Ulu Gombak. A pantropic sedge; in the Peninsula common in waste ground.

Fimbristylis ferruginea, *Vahl.*, var. *arvensis*, *Ridl.* Ampang (Hume). A sedge, the species pantropic and common in the Peninsula in tidal mud.

Fimbristylis globulosa, *Kunth.* Rantau Panjang; Seminyih. A sedge of India to Polynesia; in the Peninsula common.

Fimbristylis miliacea, *Vahl.* Ampang; Batang Berjuntai; Seminyih; Ulu Gombak. A tufted sedge, pantropic; in the Peninsula common in damp places.

Fimbristylis schœnoides, *Vahl.* K. Lumpur (Seimund). A sedge of S. E. Asia and Australia; in the Peninsula Penang and Kelantan to Singapore in open places.

Bulbostylis puberula, *Kunth.* Ampang; Ulu Gombak. A small tufted sedge of Indo-Malaya; in the Peninsula not very common in dry sandy places, Penang to Singapore.

Scirpus mucronatus, *Linn.* Ampang; K. Lumpur; Salak South Rd. A tall sedge of S. Europe to Australia; in the Peninsula common in wet places.

Furiena umbellata *Rottb.* K. Lumpur; Pudu; Seminyih; A sedge, pantropic and common in the Peninsula in wet places.

Liphocarpa argentea, *A. Br.* Seminyih (Hume). A sedge of the tropics of the Old World; in the Peninsula common in damp places.

Rhyncospora aurea, *Vahl.* Batang Berjuntai; Batu Tiga; K. Lumpur; Pudu; Seminyih. A tall sedge, pantropic; in the Peninsula common in wet places.

Rhyncospora glauca, *Vahl.* K. Lumpur (Seimund). A sedge, pantropic; in the Peninsula not common in sandy places.

Gahnia tristis, *Nees.* K. Lumpur (Ridley). A large tufted sedge of Borneo and South China; in the Peninsula common in dry places.

Hypolytrum latifolium, *Rich.* Batang Berjuntai; K. Lumpur; Petaling; Seminyih; Ulu Gombak. A tufted sedge of Indo-Australia and China; in the Peninsula common in the lowlands in forest.

Mapania humilis, *Naves & Villar.* Petaling; Ulu Gombak. A sedge of W. Malaysia to the Philippines; in the Peninsula common in forest, Penang to Singapore.

Mapania Kurzii, *Clarke.* Klang Gates; Rantau Panjang. A tufted sedge, endemic, Penang, Perak, Malacca, in forest.

Mapania palustris, *Benth.* Seminyih; Ulu Gombak. A large tufted sedge of ?Java; in the Peninsula common in forest from Upper Perak to Singapore.

Mapania Wallichii, *Clarke.* Batu Tiga (Ridley). A large tufted sedge of Borneo; in the Peninsula not common in forest, Singapore.

Scleria bancana, *Miq.* Batang Berjuntai; K. Lumpur. A sedge of Tenasserim to the Pacific; in the Peninsula common in open places.

Scleria elata, *Thw.* Ulu Gombak (Hume). A sedge of India, Java, Borneo, China and New Guinea; in the Peninsula Penang and Upper Perak to Selangor in forest.

Scleria hebecarpa, *Nees.* Batu Caves; K. Lumpur. A sedge of Indo-Australia, China and Japan; in the Peninsula common in open places from Setul to Singapore.

Scleria lævis, *Retz.* K. Lumpur (Hume). A sedge of Indo-Malaya and China; in the Peninsula common in grass.

Scleria lithosperma, *Sw.* K. Lumpur (Hume). A sedge, pantropic (except Africa); in the Peninsula common in dry places.

Scleria multifoliata, *Bæck.* Seminyih; Ulu Gombak. A sedge of Indo-Malaya; in the Peninsula common in open places.

Scleria radula, *Hance.* Ulu Gombak (Hume). A tall sedge of Hongkong; in the Peninsula not common, usually montane, Penang, Perak, Pahang, Selangor.

Scleria sumatrensis, *Retz.* Batu Tiga; K. Lumpur. A sedge of Indo-Malaya to the Philippines; in the Peninsula common in open places from Penang to Singapore.

GRAMINEÆ.

Imperata arundinacea, *Cyrillo.* (Lallang). Klang Gates; K. Lumpur; Seminyih; and without doubt in all the other localities. A pantropic grass; in the Peninsula common everywhere in open country.

Saccharum arundinaceum, *Reiz.* Batu Caves (Ridley). A tall grass of Indo-Malaya to the Philippines and China; in the Peninsula common from Penang to Singapore, usually on river banks.

Eulalia Milsumi, *Ridl.* Klang Gates (Kloss, Milsum and Ridley). A tufted grass, endemic and local on quartzite rocks.

Ischæmum aristatum, *Linn.* Ampang; Seminyih; Ulu Gombak. A creeping grass of Indo-Australia and China; in the Peninsula very common in waste ground.

Ischæmum Beccarii, *Hack.* Top of the Batu Caves (Ridley). A grass of Borneo; in the Peninsula rare, known only from this locality and from the Botanic Gardens, Singapore.

Ischæmum muticum, *Linn.* Batang Berjuntai; K. Lumpur; and doubtless in most of the other localities. A creeping grass of Indo-Australia; in the Peninsula very common.

Ischæmum rugosum, *Salisb.* Weld's Hill (Burkill). A grass of Indo-Malaya and China; in the Peninsula not common in waste ground.

Ischæmum timorense, *Kunth.* Ulu Gombak (Hume). A grass of India to Polynesia; in the Peninsula common from Penang to Singapore.

Cœlorrhachis glandulosa, *Brongn.* Batu Caves (Ridley). A tall tufted grass of Indo-Australia; in the Peninsula common, often on riverbanks.

Chrysopogon aciculatus, *Trin.* K. Lumpur; Pudu; Ulu Gombak. A grass of Trop. Asia and Australia; in the Peninsula common in dry places.

Themeda villosa, *Durand and Jackson.* Batu Caves; K. Lumpur. A tall grass of Indo-Australia and China; in the Peninsula common in open places.

Digitaria cæspitosa, *Ridl.* Salak South Road (Seimund). A small tufted grass, endemic, Johore and Singapore in open places.

Digitaria chinensis, *Hornem.* Batu Caves (Ridley). A tufted grass of Indo-Malaya and China; in the Peninsula Penang, Perak and Singapore in waste ground.

Digitaria longiflora, *Pers.* Ampang; K. Lumpur; Pudu; Seminyih; Ulu Gombak. A creeping grass of the Tropics of the Old World; in the Peninsula common.

Digitaria marginata, *Link.* Ampang; Batu Caves; K. Lumpur Seminyih; Ulu Gombak. A pantropic grass; in the Peninsula common and variable.

Axonopus compressus, *Beauv.* Bukit Raja; K. Lumpur; Ulu Gombak. A South American grass, introduced into the Peninsula and now established in several localities.

Paspalum Commersonii, *Lam.* Weld's Hill (Md./Nur.). A tufted grass, pantropic, in the Peninsula not common in damp places, Pahang, Negri Sembilan, Singapore.

Paspalum conjugatum, *Berg.* Ampang; Klang Gates; Seminyih; Ulu Gombak; Weld's Hill. A pantropic grass, common in the Peninsula but probably introduced.

Paspalum longifolium, *Roxb.* Salak South Rd.; Weld's Hill. A grass of Indo-Malaya; in the Peninsula not very common in open places, Penang to Singapore.

Brachiaria mutica, *Stapf.* Petaling; Ulu Gombak. A pantropic grass, often cultivated in the Peninsula and occurring as an escape.

Oplismenus compositus, *Beauv.* Batu Caves; Klang Gates; Seminyih. A pantropic grass; in the Peninsula common in dry places from Langkawi to Johore.

Echinochloa colona, *Link.* K. Lumpur; Rawang; Seminyih; Ulu Gombak. A tufted grass, pantropic; in the Peninsula common in waste ground.

Eriochloa annulata, *Kunth.* Petaling (Ridley). A grass, pantropic; in the Peninsula occasional in waste ground.

Panicum auritum, *Presl.* Batu Caves; Batu Tiga; Klang Gates; Seminyih; Ulu Gombak. A tall grass of Indo-Malaya and China; in the Peninsula common in wet places.

Panicum cæsium, *Hook.* K. Lumpur (Hume). A grass of Indo-Malaya to the Philippines; in the Peninsula common in open places.

Panicum ovalifolium, *Poir.* Rantau Panjang (Hume). A grass of Africa, Indo-Malaya and China; in the Peninsula common in damp shady places.

Panicum sarmentosum, *Roxb.* Klang Gates; Rawang. A scandent grass of Indo-Malaya and China; in the Peninsula common on forest edges from Setul to Singapore.

Hemigymnia fusca, *Ridl.* Ampang; Batu Caves; Rantau Panjang. A grass of ?Indo-Malaya; in the Peninsula common.

Acroceras sparsum, *Stapf.* Batu Caves; Klang Gates; Rawang; Seminyih; Ulu Gombak. A creeping grass of Indo-Malaya; in the Peninsula common in open places and secondary growth.

Ichnanthus pallens, *Munro.* Batu Caves (Ridley). A pantropic grass; in the Peninsula not very common in forest, Penang to Johore.

Sacciolepis myosuroides, *Ridl.* Ulu Gombak (Hume). A grass of Trop. Africa and Asia to Trop. Australia; in the Peninsula common from Penang and Kelantan to Singapore in damp places.

Sacciolepis turgida, *Ridl.* K. Lumpur (Burkill). A tufted grass of India and Java; in the Peninsula common in grassy places.

Cyrtococcum accrescens, *Stapf.* Klang Gates; Rantau Panjang; Seminyih; Ulu Gombak; Weld's Hill. A creeping grass of Indo-Malaya to Polynesia and China; in the Peninsula common in shade.

Cyrtococcum carinatum, *Stapf.* Weld's Hill (Burkill). A small creeping grass of Indo-Malaya and Indo-China; in the Peninsula not common in shade, Malacca.

Cyrtococcum oxyphyllum, *Stapf.* Klang Gates; K. Lumpur; Ulu Gombak. A creeping grass of Indo-Australia and the Mascarene Islands; in the Peninsula common in waste ground and by roadsides.

Setaria plicata, *Cooke.* Batu Caves; Dusun Tua; Seminyih; Ulu Gombak. A tall grass of Indo-Malaya and China; in the Peninsula Perak and Kelantan to Johore, not very common.

Setaria rubiginosa, *Beauv.* Batang Berjuntai; Rantau Panjang; Ulu Gombak. A tufted grass of Trop. Asia; in the Peninsula common in waste ground.

Tricholæna rosea, *Nees.* Batu Caves; Klang Gates. A tufted grass of Africa; introduced into the Peninsula about 1901, and now established in Selangor and Negri Sembilan, and in parts of Perak.

Isachne australis, *R. Br.* Ampang; K. Lumpur; Pudu; Seminyih. A grass of Indo-Australia; in the Peninsula common in damp grassy places from Taiping and Trengganu to Singapore.

Isachne semitalis, *Ridl.* Batang Berjuntai; Petaling; Rantau Panjang; Rawang. A creeping grass of Borneo; in the Peninsula not uncommon in wet places.

Eriachne pallescens, *Br.* Klang Gates (Ridley, Foxworthy and Burkill). A grass of Indo-Australia and China; in the Peninsula common in open dry places.

Phragmites communis, *Trin.* K. Lumpur (Ridley). A tall grass of Africa and Trop. Asia to Australia; in the Peninsula common on riverbanks.

Thysanolæna agrostis, *Nees.* Ulu Gombak (Hume). A large tufted grass of India to New Guinea; in the Peninsula Penang to Negri Sembilan, common in dry places.

Sphærocaryum elegans, *Nees*. Batang Berjuntai; K. Lumpur; Ulu Gombak. A small grass of Indo-China; in the Peninsula common in wet places from Taiping to Singapore.

Zoysia pungens, *Willd.* K. Lumpur (Md. Nur). A small grass of the tropics of the Old World; in the Peninsula common in damp places.

Sporolobus diander, *Beauv.* K. Lumpur; Pudu; Seminyih; Ulu Gombak. A grass of Trop. Asia and Australia; in the Peninsula common in dry places.

Sporolobus indicus, *Br.* K. Lumpur; Pudu; Seminyih; Ulu Gombak. A grass, pantropic; in the Peninsula Penang to Singapore in dry places.

Eragrostis amabilis, *Wight & Arn.* Ampang; Batang Berjuntai; K. Lumpur; Pudu; Rantau Panjang; Seminyih; Ulu Gombak. A grass of Trop. Africa and Trop. Asia; in the Peninsula very common in waste ground.

Eragrostis elegantula, *Steud.* Ampang; K. Lumpur; Pudu. A grass of India to S. China, Borneo and the Philippines; in the Peninsula common in damp places.

Eragrostis elongata *Jacq.* K. Lumpur (Hume, Ridley). A grass of Trop. Asia to Australia; in the Peninsula common in waste ground.

Eragrostis malayana, *Stapf.* Ulu Gombak; Weld's Hill. A grass of Bangka and Borneo; in the Peninsula not common in waste ground, Taiping to Singapore.

Eragrostis pilosa, *Beauv.* Batu Caves (Ridley). A pantropic grass, not uncommon in the Peninsula by roadsides.

Eragrostis tenella, *Ræm. & Schultes.* Pudu (Hume). A grass of Trop. Africa and Asia; in the Peninsula common in waste ground.

Cynodon dactylon, *Pers.* K. Lumpur, common. A creeping grass, pantropic; in the Peninsula common in open places.

Eleusine indica, *Gaertn.* Ampang; Klang Gates; Pudu; Seminyih; Ulu Gombak. A grass, pantropic; in the Peninsula very common in waste ground.

Dactyloctenium ægypticum, *Willd.* Ampang; Batu Tiga; K. Lumpur. A grass, pantropic, not very common in the Peninsula in sandy places.

Oryza latifolia, *Desv.* Ampang (Hume). A grass of Trop. America, Africa and Asia; in the Peninsula Kedah, Perak, Johore, in wet places.

Oryza Ridleyi, *Hook. fil.* Kajang Road (Ridley). A grass of Borneo; in the Peninsula in wet places from Perak to Johore.

Leersia hexandra, Sw. Ampang; K. Lumpur. A pan-tropic grass, common in the Peninsula in swamps.

Centotheca lappacea, Desv. Batang Berjuntai; Rantau Panjang; Seminyih; Ulu Gombak. A tall grass of the tropics of the Old World; in Peninsula common in forest.

Lophatherum gracile, Brngn. Batang Berjuntai; Rantau Panjang; Seminyih. A grass of Trop. Asia; in the Peninsula common in forest.

Leptaspis urceolata, Br. Batu Caves; Klang Gates; K. Lumpur; Seminyih. A grass of Indo-Malaya to New Guinea; in the Peninsula common in forest.

Gigantochloa Scortechinii, Gamble. Near Batu Caves (Ridley). A bamboo, endemic, Upper Perak to Selangor and Pahang.

Oxytenanthera sinuata, Gamble. Ulu Gombak (Hume). A slender bamboo of Lower Siam; in the Peninsula not common, Pahang, Negri Sembilan, Johore.

Dendrocalamus pendulus, Ridl. Ulu Gombak (Burkill, Hume). A tall bamboo, endemic, Upper Perak to Negri Sembilan.

Schizostachyum aciculare, Gamble. Batu Tiga; Ulu Gombak. A small bamboo of Sumatra and Borneo; in the Peninsula Dindings, Perak, Pahang, Selangor, Negri Sembilan.

Schizostachyum ?subcordatum, Ridl. Ulu Gonibak (Hume 8908).

CULTIVATED GRAMINEÆ.

Bambusa nana, Roxb. Cultivated for hedges. A small bamboo of China and Japan; in the Peninsula extensively cultivated.

Bambusa vulgaris, Schrad. K. Lumpur. A bamboo of India, often cultivated in the Peninsula.

Coix lachrymæ-Jobi, Linn. (Job's tears). K. Lumpur; Serdang Experimental Plantation. A tall grass of Trop. Asia; in the Peninsula commonly cultivated and occurring as an escape.

Cymbopogon citratus, Stapf. (Lemon grass). K. Lumpur; Serdang Experimental Plantation. A tufted grass of uncertain origin, widely cultivated in Indo-Malaya.

Cymbopogon Nardus, Rendle. (Citronella grass). K. Lumpur; Serdang Experimental Plantation. A tufted grass of ? Ceylon, cultivated in Africa, Asia and Australia.

Oryza sativa, Linn. (Rice). A tall grass, native of India, cultivated in the Peninsula as it is in most tropics and subtropics.

Panicum maximum, *Jacq.* (Guinea grass). Cultivated; near Klang Gates (Ridley). A tall grass of Africa; in the Peninsula cultivated for horse fodder.

Saccharum officinarum, *Linn.* (Sugar cane). A tall grass of unknown origin, cultivated in all tropical countries.

Zea Mays, *Linn.* (Maize). A grass of Mexico, cultivated in most temperate and tropical countries.

GNETACEÆ.

Gnetum brunonianum, *Griff.* Klang Gates; Seminyih; Sungai Buloh; Ulu Gombak. A shrub of Tenasserim and Borneo; in the Peninsula common in forest.

Gnetum Kingianum, *Gamble.* Ulu Gombak (Forest Dept.). A liane, endemic, common in forest from Penang to Singapore.

Gnetum longispicum, *Ridl.* Rawang (Ridley). A climber, endemic, not common in forest, Perak, Selangor, Pahang, Johore.

Gnetum tenuifolium, *Ridl.* K. Lumpur (Ridley). A climber of Lower Siam; in the Peninsula common in forest north of Malacca.

CONIFERÆ.

Agathis alba, *Foxworthy.* Ulu Gombak (Hume). A lofty tree of W. Malaysia to the Philippines and Indo-China; in the Peninsula Kedah, Penang, Perak, Pahang.

Podocarpus Blumei, *Endl.* Ampang (Forest Dept.). A tree of Java to New Guinea; in the Peninsula Perak to Singapore, sporadic in forest.

Note: Delete **Digitaria chinensis**, *Hornem*, from the list
Ridley's specimen from Batu Caves is **Cynedon**
dactylon, *Pers.*

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Family names in capitals ; generic names in ordinary type ;
common names in italics.

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